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BREER'S GARDEN CALENDAR 1878.

PHILADELPHIA.



SPRING GROVE NURSERIES

AND

SEED FARM, RIVERTON, N. J.

WE invite our friends and patrons to visit our establishments at No. 714 Chestnut street, and Riverton, N. J. In the former may be found *Vegetable* and *Flower Seeds* of undoubted character, and every requisite for the garden and conservatory. The latter, which is located on the Delaware River, is reached by the steamboats *Columbia* and *Twilight*, excepting in mid-winter, steamboats leaving Chestnut street wharf; and the Pennsylvania Railroad (Amboy Division) by hourly trains leaving from Market street ferry. The trip on the river (8 miles) makes it one of the most delightful excursions that can be had around Philadelphia. Information as to the running of trains and boats will be given at the Seed Establishment, or by consulting any daily paper. The grounds are within five minutes' walk of the Railroad Station or the Steamboat Landing.

OUR PLANT DEPARTMENT

contains one of the largest and finest selections of plants in the country. Direct correspondence with and personal visits to the leading houses in Europe enables us to import every novelty as it appears. Especial attention is paid to the introduction of the best new varieties of

ROSES, FUCHSIAS, GERANIUMS, GLADIOLUS, Etc., Etc.

Nearly fifty acres are devoted to the growing of the more hardy kinds of Shrubs, Roses, Dahlias, Bulbs, and Flower Seeds, and upwards of 50,000 square feet of glass are employed in the propagation and cultivation of choice Exotics and plants suitable for the decoration of the house or garden.

THE SEED AND TRIAL GROUNDS

are under the care of an experienced gardener. Every new variety is fully tested, and all new and choice varieties grown with great care for seed stock, thus insuring our customers at all times from loss by spurious or defective seeds. In short, every effort is made on our part in the sending out of Seeds, Plants, Bulbs, etc., in the character of the article sent, as well as in packing, to insure our customers against loss.

DREER'S
GARDEN CALENDAR

— For 1878. —

*Designed to furnish Brief Directions for the
Cultivation and Management of the*

VEGETABLE AND FLOWER GARDEN.



ILLUSTRATED WITH ENGRAVINGS,
AND CONTAINING
SELECT LISTS OF SEEDS, BULBS, PLANTS AND SMALL FRUITS.

HENRY A. DREER,
SEEDSMAN AND FLORIST, No. 714 CHESTNUT STREET,
Philadelphia.

WILLIAM F. DREER.

WILLIAM M. SMITH.

DIRECTIONS TO CORRESPONDENTS.

Seeds and Bulbs Delivered by Mail or Express Free of Exp.

We will send by mail or express to any part of the United States, the prices named in this Catalogue, Seeds and Bulbs, at the MAILING RATE, POSTAGE OR EXPRESSAGE PAID to destination. The only exceptions to this rule are Grass and Agricultural Seeds, Peas, Beans and Corn, when ordered by the peck and bushel at bushel rates, or in cases specially noted; these as well as Brackets, Rustic Work, Pots, Implements, Liquid Insect Destroyers, and miscellaneous articles can only be sent by express or freight at the purchaser's expense. These rates give our most distant customers the same advantages in obtaining good seeds as those who buy over our counter or reside in the large cities.

HOW TO SEND MONEY.—All sums of one dollar and upwards may be sent at *our risk and expense*, if forwarded according to the following directions, viz.:

Post-Office Money Orders, to be obtained at many Post-Offices, costing from 10 to 25 cents. This is the best way where obtainable in your own or neighboring town.

Drafts on Philadelphia or New York can be obtained from any bank.

Registered Letters.—When neither a Post-Office order nor draft may be obtained, money may be enclosed in a Registered Letter. The cost of registering is 10 cents.

Postage Stamps.—These we can use to great advantage, and will prove to many a convenient way of remitting, where paper currency is not obtainable.

The expense of forwarding money in either of the above ways may be deducted from the amount of the order, or we will send seeds as an equivalent when so desired. We disclaim all responsibility when remittances are not made as above directed.

FORWARD MONEY WITH THE ORDER.—Please send money with the order, sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, mail, charge, and in a few days receive the money, make the proper credit, and send receipt, requires more work than we can possibly perform during the great press of business in the spring.

C. O. D.—We decline sending perishable goods Collect on Delivery to distant points unless a remittance be made on account to guarantee the acceptance. Persons often order small packages sent in this way, and the express charges sometimes amount to more than the goods.

ERRORS.—We exercise the utmost care in the filling of orders, striving to do a little more than we offer, yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be perfectly satisfactory. Please keep copies of all orders.

THE SAFE ARRIVAL OF PACKAGES GUARANTEED.—We guarantee the safe arrival of packages of Seeds and Bulbs in good condition in every case. If a package is injured or lost we will replace it as soon as informed of the fact.

NAME AND ADDRESS.—Those who order will please remember to give their *Name, Post-Office, County and State* as plain as possible, especially the name; also the *nearest Express Office*, when goods are desired in that way, and this address, as well as your Post-Office address, in order that we may send our letters and catalogues to you promptly.

WRITE OUT THE ORDERS LEGIBLY in a list apart from the body of the letter; orders for *plants* on a *separate sheet*; the departments are separate, but shipments of seeds and plants are made in one parcel.

CAUTION.—Do not buy of travelling agents or peddlers who represent themselves as our agents. Some of these impostors have obtained, during the past season, subscriptions to the leading Agricultural papers and offered as a premium about one-half of the subscription price in garden seeds of the subscriber's selection. Beware of them! We employ no travelling agents. Send direct to head-quarters, and then you are sure of obtaining a genuine article at a moderate price.

TO MARKET GARDENERS.

Our peculiar advantages in growing, testing, and cleaning seeds, together with our long experience in supplying the wants of this trade, around this city and the larger cities of the country, enable us to offer the **BEST STOCK** in the country; and we are always pleased to make suggestions or furnish special prices when large quantities are desired.

We sympathize with those who have frequent disappointments and losses arising in obtaining seeds from doubtful sources, and feel assured if you have not used our stock, that after a fair trial you will confirm the above assertion of excellence.

Instructions in the sending of Plant orders, by mail or express, please find on page 121. Address,

HENRY A. DREER,

WILLIAM F. DREER. }
WILLIAM H. SMITH. }

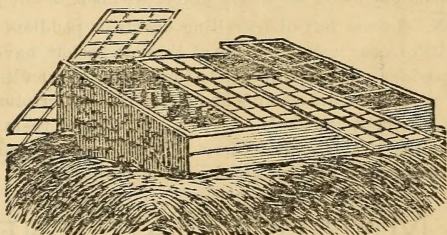
714 Chestnut St., Philadelphia, Pa.

VEGETABLE GARDEN.

PREPARATION OF THE GROUND.—To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well *under-drained*, *thoroughly trenched or subsoiled*, and *enriched by a judicious application of fertilizing material*. It is still the current opinion, based on experience, that for all purposes well-composted *barn-yard manure*, when available, is the best material. We do not deny, however, that several of the concentrated manures, now manufactured, are useful and convenient, especially for a succession of crops.

The exposure of a garden has much to do with the early maturity of the crops; an exposure to the morning sun is desirable. The soil must be in a friable state to secure the prompt vegetation of the seeds, and the destruction, or rather prevention, of weeds, is one of the most desirable results of frequent stirring of the surface. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture. For all such details we must refer the amateur to more extensive treatises on these subjects, to be found in our "Farmer's and Gardener's Library," page 119.

GARDEN REQUISITES.—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the **HOT-BED** frame for the forwarding of plants for early planting. A frame, such as is shown in the cut, may be made of various



sizes, according to the size of garden, from four sashes upwards. The length of sash is generally seven feet by three and a half wide, the size of glass six by eight inches, making the entire frame of four sashes fourteen by seven feet. The frame should have a southern or southeastern exposure, should be made up with fresh horse manure and a few leaves mixed with it: this must be laid in a heap preparatory to being used, and when in a proper state of fermentation, prepared for the reception of the frame. A few inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. Where the ground is well drained, a better plan is to dig out a space the size of the frame, from one to two feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.

The Cold frame for wintering Cabbage, Cauliflower, Lettuce Plants, etc., should be constructed of inch boards one foot high at the back by nine inches high in front and six feet wide; five short posts to the length of sixteen feet boards will answer to keep in position. The shutters

REMARKS ON THE FAILURE OF SEEDS.

FROM a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would with brevity state some of the causes:

1. That some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, deposit their seeds in the ground at an improper season. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by a *minute observance* of the difference in temperature.

Thus, to the North, the directions for March will apply to April; and at the South, to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

2. That some species of seeds, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, &c., being from their nature apt to vegetate quickly, are often destroyed while germinating, through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above ground, unless a suitable remedy is applied in time to annoy the insects.

3. That some species, as Carrot, Celery, Leek, Onion, Parsley, Parsnip, Spinach, &c., being naturally of tardy growth, taking (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances which cannot always be controlled.

4. That the failures often occur through Seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for want of sufficiency of Seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in manuring and preparing the soil will cause defeat.

For instructions on these and any other subjects of Gardening, the reader is referred to "American Gardener's Assistant," or "Burr's Garden Vegetables." The price of these books will be found on page 119.

Extract.—Some Gardeners raise Egg-Plants, &c., in the same hot-bed frame with Cabbage, and such other half hardy plants as require air every mild day; by such management one or the other must suffer for want of suitable aliment—*heat* being the principal food of tender plants, and *air* that of the more hardy species.

USEFUL TABLES.

The following tables may be useful to the Farmer and Gardener in showing the number of plants or trees that may be raised on an acre of ground ; also, the quantity of seed required for an acre, with the number of plants that can be grown from an ounce of seed, should the weather be favorable and the seed be preserved from the destruction of insects. We would however recommend a slight increase on the quantities to allow for these contingencies.

DISTANCE APART.	NO. OF PLANTS.	DISTANCE APART.	NO. OF PLANTS.
1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.....	1,210
1½ " 1½ "	19,360	8 " 8 "	680
2 " 1 "	21,780	9 " 9 "	537
2 " 2 "	10,890	10 " 10 "	435
2½ " 2½ "	6,969	12 " 12 "	302
3 " 1 "	14,520	15 " 15 "	193
3 " 2 "	7,260	18 " 18 "	134
3 " 3 "	4,840	20 " 20 "	103
4 " 4 "	2,722	25 " 25 "	70
5 " 5 "	1,742	30 " 30 "	48

QUANTITY OF SEED USUALLY SOWN TO THE ACRE.

Beans, Dwarf,	in drills.... 1 bu.	Melon, Water,	in hills.... 1½ lbs.
" Pole,	in hills.... ¼ "	Onion (for bulbs),	in drills.... 6 "
Corn,	" 6 qts.	" (for sets),	" 30 "
Peas,	in drills.... 2 bu.	" Sets (small),	" 10 bu.
Potatoes (cut tubers),	" 10 "	Parsnip,	" 4 lbs.
Beets,	" 4 lbs.	Radish,	" 5 "
Carrot,	" 2 "	Spinach,	" 15 "
Cabbage,	in hills.... ½ "	Salsify,	" 8 "
Cucumber,	" 1 "	Squash,	in hills.... 2 "
Melon, Musk,	" 1 "	Turnip,	in drills.... 1½ "

GRASS SEEDS TO THE ACRE.

White Clover.....	10 lbs.	Blue and Green Grass.....	3 bu.
Red "	15 "	Rye "	2 "
Lucerne "	20 "	Orchard "	2 "
Alsike "	15 "	Red Top "	2 "
Timothy	12 "	Mixed Lawn "	3 "

NUMBER OF PLANTS PRODUCED FROM ONE OUNCE OF SEED, AS FOLLOWS:

PLANTS.		PLANTS.	
Asparagus.....	about 500	Kale.....	about 2,000
Broccoli.....	" 2,000	Leek.....	" 1,000
Cabbage.....	" 2,000	Lettuce.....	" 3,000
Cauliflower.....	" 2,000	Pepper.....	" 2,000
Celery.....	" 5,000	Tomato.....	" 3,000
Egg Plant.....	" 1,000	Sage.....	" 1,000
Endive.....	" 3,000	Thyme.....	" 5,000

SELECT LIST OF VEGETABLE SEEDS.

Embracing all the leading varieties suited to the wants of the Market Gardener as well as the Family Garden.

The facilities offered for sending seeds by mail enable all who desire fresh and genuine seeds to send direct to the grower. For prices by the pound and bushel, see Market Gardener and Farmer's price list, page 40.

For the convenience of persons who wish but small quantities, the seeds are put up in packets of five, ten, and twenty-five cents each. Those quoted from thirty cents to one dollar per oz., in not less than ten cent packets; over one dollar per oz., in packets of twenty-five cents each. Beans, Corn, and Peas, in not less than ten cent packets.

ARTICHOKE.

Artichaut, FR. *Alcachofa*, SPAN. *Artischoken*, GER.

LARGE GREEN GLOBE, per oz. 40 cts.

Plant the seeds early in April, in rich soil, in drills one inch deep, and about twelve inches apart. When one year old transplant in well-manured ground, in rows five feet apart, and two feet from plant to plant. Protect during the winter by throwing up ridges of earth, and covering with manure or leaves.

ASPARAGUS.

Asperge, FR. *Esparragos*, SPAN. *Spargel*, GER.

LARGE GREEN, per oz. 10 cts. CONOVER'S COLOSSAL, per oz. 10 cts.

For Roots of the above, see page 38.

Sow in March or April, in rich soil. Soak the seed in warm water for 24 hours. Drill it thinly in rows a foot apart. When two years old, transplant into permanent beds, which should be well and deeply manured. Set out the plants from three to four feet apart each way and six inches deep. On the approach of winter clear off the bed, and cover with a dressing of manure, or compost; fork up the beds early in the spring, and apply a dressing of salt annually to the bed, after the season of cutting—which is not only beneficial to the plants, but will keep the bed clear of weeds.

BEANS—English Dwarfs.

Fève de Marais, FR. *Haba*, SPAN. *Puffbohnen*, GER.

EARLY MAZAGAN, per qt. 40 cts. BROAD WINDSOR, per qt. 40 cts.

These varieties are grown extensively in Europe, but little esteemed in this country.

To succeed well, these must be planted early, as the summer heat causes the blossoms to drop off prematurely. Being quite hardy, plant as soon as the frost is out of the ground, in strong, loamy soil, in drills two feet apart. Pinch off the tops as soon as the lower pods begin to fill.

On Beans, 30 cts. per qt. additional, when ordered to be sent by mail.

For Beans by the quantity, see page 40.

BEANS—Dwarf, or Snap-Short.*Haricot*, FR. *Frijoleno*, SPAN. *Buschbohnen*, GER.

Per qt.	Per qt.
EARLY MOHAWK..... .30	GERMAN WAX (Black seed)..... .40
LONG YELLOW SIX WEEKS . .30	WHITE WAX (White seed)..... .40
EARLY CHINA RED EYE..... .25	WHITE MARROWFAT..... .25
RED SPECKLED VALENTINE.... .30	WHITE KIDNEY..... .25
REFUGEE OR BROWN VALEN-	RED FRENCH OR MARROW... .25
TINE..... .25	TURTLE SOUP, BLACK..... .25
NEWINGTON WONDER..... .25	EARLY VALENTINE (white sd.) .40

All the varieties of this class are tender, and will not bear the cold. The first three on the list are considered the hardiest, and are generally the first planted. The Valentine and German Wax are, however, the favorite varieties in this market, the pods being round and stringless. The Wax Beans are a valuable variety, the pods are a waxy yellow, transparent, tender and stringless. Plant about the middle of April, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows two feet apart, and the beans two or three inches in the rows. Keep well hoed, and draw the earth up to their stems.

BEANS—Pole or Running.*Haricots à rames*, FR. *Frijol vástago*, SPAN. *Stangenbohnen*, GER.

Per qt.	Per qt.
LARGE LIMA..... .50	HORTICULTURAL..... .40
CAROLINA OR SEWEE..... .50	CRANBERRY, WHITE..... .40
GERMAN WAX (Black seed).... .40	SCARLET RUNNER..... .50
GIANT WAX (Red seed)..... .50	WHITE DUTCH RUNNER..... .40

Plant about the middle of May. The Lima Beans are very susceptible of cold and wet, and apt to rot in the ground, and should not be planted until the season is favorable and the ground warm. Fix poles in the ground, four feet apart each way, and plant four to six beans about half an inch deep around each pole, placing the eyes downwards, and thin out to three plants to a pole, if the soil be rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. A shovelful of rich, light, and well-rotted compost to each hill, well incorporated, will be beneficial. They transplant easily if grown in frames. The German Wax and Giant Wax are superior varieties as snap-shorts, the pods being very tender and stringless. The latter, of our introduction, forms pods from six to nine inches long, thick and fleshy, of a pale yellow color and waxy appearance.

Fearing Burr, Esq., author of the "Vegetables of America," states: "I have given the Giant Wax Bean a fair trial, and am happy to say that it has proved everything you claimed it to be; when the plants were in full perfection, the poles displayed a mass of fine, large, waxen-white pods from the top to the bottom." The editor of the *American Agriculturist* describes it thus: "The pods are from six to nine inches long, thick and fleshy, of a pale yellow color, and waxy appearance; the seeds are red. The peculiarity about this variety is, that its pods, even when full grown, are perfectly tender, and may be used as snap-beans. We have tried them both separately and in succotash, and consider them really delicious. The variety is a pole or running bean. We welcome it as a valuable addition to our list of varieties."

For Dreer's Improved Lima Beans, see page 23.

On Beans, 30 cts. per qt. additional, when ordered to be sent by mail.

BEET.*Betterave, FR. Bettaraga, SPAN. Rothe oder Runkel rübe, GER.*

10 cts. per oz., except where noted.

EGYPTIAN BLOOD TURNIP.....	.15	BASTIAN'S HALF LONG BLOOD,	
BASTIAN'S EX. EARLY RED.....	.15	per oz. .15 cts.	
EXTRA-EARLY BASSANO.		SWISS CHARD.	
SIMON'S EX. EARLY RED.		SILESIAN, OR SUGAR.	
EARLY BLOOD RED.		LONG RED MANGEL-WURZEL.	
LONG BLOOD-RED.		YEL. GLOBE MANGEL-WURZEL.	

Sow in well-enriched ground, in drills, from April to June; thin out the plants to stand six or eight inches apart. The turnip varieties can be sown as late as the middle of July, for a winter crop; these are preferred by many to the late varieties that sometimes become woody. The first seven are esteemed the best for table use. The Egyptian is in form like a flat turnip, and very early. The Bastian's Extra Early is the perfection of a beet, of quick growth, turnip form, bright color, and profitable for the Market Gardener, one of the best for family use. Bastian's Half Long is a valuable variety to follow the preceding.

The leaves of the Swiss Chard are used as Spinach and the mid-rib of leaf dressed as Asparagus. The last three named varieties are used principally for feeding stock, and where extensively grown, the rows should be wide enough apart to cultivate with a horse hoe.

BORECOLE.*Chou vert, FR. Breton, SPAN. Blätter Kohl, GER.*

	Per oz.		Per oz.
DWARF GERMAN KALE.....	.10	SCOTCH KALE.....	.10
TALL GERMAN KALE.....	.20	RED, OR PURPLE KALE.....	.20

An excellent green for winter and spring use. Sow from May to June. Set out the plants in July, in good rich ground. For early spring use, sow the Dwarf German, in September, and protect over winter, with a covering of straw or litter.

BROCCOLI.*Chou Brocoli, FR. Brocoli, SPAN. Spargel Kohl, GER.*

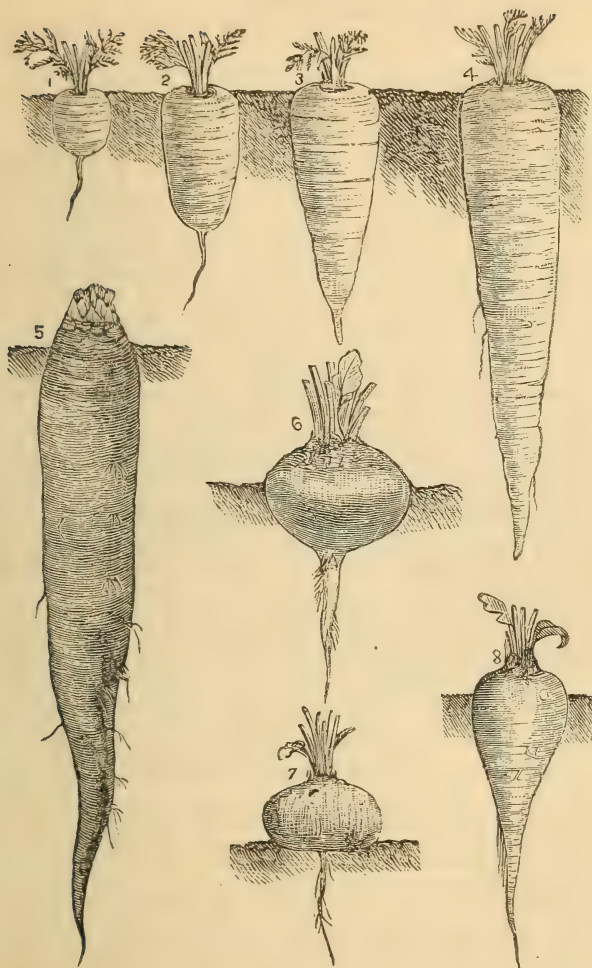
EARLY PURPLE CAPE...per oz. .50	EARLY WHITE CAPE....per oz. .75
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Produce heads in autumn like Cauliflower. The Cape varieties are best adapted to our climate. Sow about the middle of May, transplant and manage as winter Cabbage, in well-enriched soil. For an early crop the seed should be sown in a hot-bed and managed as early Cauliflower. It succeeds best in a moist soil and climate, and in the South it can be had in perfection from November to March.

BRUSSELS SPROUTS.—20 cts. per oz.*Chou de Bruxelles, FR. Breton de Bruselas, SPAN. Rosenkohl, GER.*

Produces from the stem small heads, resembling Cabbage in miniature. The sprouts are used as greens, and become very tender when touched by the frost. Sow in May, and manage as winter Cabbage.

For Beets by the pound, see page 40.



1. SCARLET SHORT-HORN CARROT.
2. EARLY SCARLET HORN CARROT.
3. HALF-LONG SCARLET CARROT.
4. LONG ORANGE CARROT.

5. LONG BLOOD-RED BEET.
6. BASTIAN'S EXTRA EARLY RED BEET.
7. EGYPTIAN BLOOD TURNIP BEET.
8. BASTIAN'S HALF-LONG BLOOD BEET.

For Carrots, see page 14.

CABBAGE.*Chou Pomme, FR. Repollo, SPAN. Kopf-Kohl, GER.*

	Per oz.		Per oz.
EARLY YORK.....	.20	RED DRUMHEAD.....	.40
EARLY FRENCH OXHEART.....	.30	RED DUTCH FOR PICKLING..	.30
EARLY SUGAR LOAF.....	.20	LARGE LATE DRUMHEAD.....	.30
EARLY LITTLE PIXIE.....	.25	LARGE FLAT DUTCH.....	.30
LARGE EARLY YORK.....	.25	MAGDEBURG FLAT DUTCH.....	.30
EARLY WINNIGSTADT.....	.30	EARLY DWARF ULM SAVOY..	.25
EARLY JERSEY WAKEFIELD..	.50	GREEN CURLED SAVOY.....	.20
EARLY FLAT BRUNSWICK.....	.40	LARGE DRUMHEAD SAVOY.....	.20

The first column contains the early sorts, which may be raised as follows: Sow the seed in well-prepared ground, about the 15th of September. When the plants are large enough to transplant, pick them out of the seed bed, into frames. Protect the plants during severe weather, with a covering of boards, observing to give them plenty of air and light during mild weather. Large plants are liable to run to seed, should the winter be mild. Make rather two sowings and select small but stocky plants. They may also be raised by sowing the seed very early in the spring, in hot-beds—afterwards plant out in deep and well-manured ground, in rows two feet apart.

The autumn and winter sorts, sow in April or early in May, in a moderately shaded border, in shallow drills, three or four inches apart.

Transplant early in July, in rows thirty inches apart. Cabbage succeeds best in a fresh, rich soil, well manured and deeply dug or plowed. The late plants are subject to attacks of the cabbage fly, destroying them as fast as they appear above ground. Various remedies are recommended for the preservation of the plants, such as sprinkling them with wood-ashes, air-slack lime, plaster, or tobacco, which should be performed early in the morning.

The Oxheart and Jersey Wakefield varieties are grown largely for the Philadelphia markets, having nearly superseded the York and Sugar Loaf, the former being quite as early and producing much larger heads, the latter coming in at once after the Oxheart has been cut. The Philadelphia Flat Dutch and Drumhead are the favorite late varieties. We flatter ourselves on having a pure and superior stock of these sorts.

CAULIFLOWER.*Chou Fleur, FR. Coliflor, SPAN. Blumen Kohl, GER.*

	Per oz.		Per oz.
EARLY LONDON.....	\$.75	LARGE WALCHEREN.....	\$.75
HALF EARLY PARIS.....	1.00	LE NORMAND SHORT-STEM...	1.50
EARLY DWARF ERFURT.....	1.50	VEITCH'S AUTUMN GIANT....	2.00

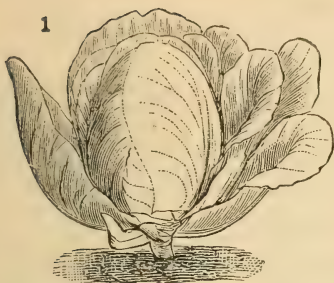
Sow for early about the middle of September, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day.

Transplant in the spring as soon as the frost leaves the ground into a bed of the richest earth, two and a half feet apart. Keep them well hoed and bring the earth gradually up to their stems. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late variety matures in the autumn, and is sown and managed similarly to Cape Broccoli.

The Early Dwarf Erfurt and Short-stem Le Normands are grown largely for this market.

For prices of Cabbage by the pound, see pages 40 and 41.

1



2



3



4



1. EARLY OXHEART CABBAGE.

2. LARGE LATE DRUMHEAD CABBAGE.

3. LENORMAND'S SHORT-STEMMED CAULIFLOWER.

4. ENGLISH PRIZE CUCUMBER.

For Prize Cucumbers, see page 17.

CARDOON.*Cardon, FR. Cardo, SPAN. Kardonen, GER.*

LARGE SOLID STALKED, per oz. 50 cts.

Is much cultivated in Europe for culinary purposes. The stem of the leaves, which are thick and crisp, after being blanched, are the eatable parts, and are generally used in soups or stews. They are in perfection during the autumn and winter. Sow in April; and when one year old transplant in trenches of well-manured ground, plant two feet apart; the roots remain from year to year; blanch by earthing up in the fall.

CARROT.*Carotte, FR. Zanahoria, SPAN. Möhren, GER.*

Per oz.		Per oz.	
SCARLET SHORT-HORN.....	.15	LONG ORANGE.....	.10
EARLY SCARLET HORN.....	.15	ALTRINGHAM OR FIELD.....	.10
HALF-LONG SCARLET.....	.15	LARGE WHITE BELGIAN.....	.10

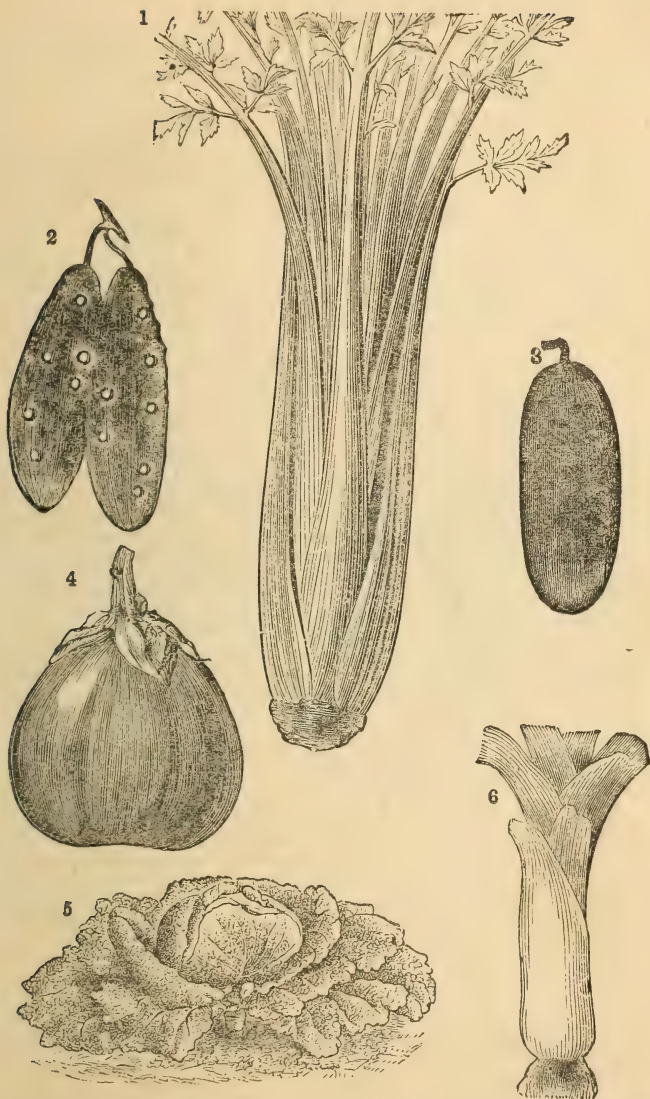
The first three are the best early varieties for table use. For an early crop sow when the ground is in working order, for a late crop sow in June and July; when sown late they excel the late varieties for table use. The first on the list is the early forcing variety prized for its superior flavor. The last three are suitable for a main crop. Sow in May and June in well-dug, rich loamy soil, in drills about twelve inches apart, thin out to stand four inches in the rows. The Long Orange is preferred by dairymen. The most suitable ground for Carrots is that which has been well manured for previous crops.

CELERY.*Celeri, FR. Apio, SPAN. Sellerie, GER.*

Per oz.		Per oz.	
DREER'S WHITE SOLID.....	.40	BOSTON MARKET DWARF.....	.40
COLE'S DEFIANCE RED.....	.25	DWARF WHITE SOLID (<i>extra</i>)..	.25
SEYMOUR'S WHITE SOLID.....	.30	CELERICAC, OR TURNIP-ROOTED.	20

Sow the last of March or early in April, in rich mellow ground, in shallow drills, and in a situation where the plants can be protected from the parching heat of a summer sun; in dry weather water freely. By rolling or pressing in the seed the result has been more satisfactory than when covered. When the plants are five or six inches high, transplant a portion in trenches or on the level; the dwarf varieties three feet, the tall sorts four feet between the rows, and repeat at intervals of two or three weeks for a succession. As they advance in growth, blanch by earthing up, which should be performed gradually in fine weather, taking care not to bury the hearts of the plants. The Celericac, or Turnip-rooted, may be planted either on level ground or in shallow drills. The root of it swells like a turnip, and may be preserved in sand through the winter; this is cooked and dressed similar to Beets. To store for winter use, on well-drained ground dig trenches one foot wide and deep enough to cover the tops of the plants. Pack the stalks in this horizontally, cover with boards to shed the water and in severe weather protect with straw or leaves. On wet soils place the stalks four layers deep on either side of a ridge, cover with four inches of soil and protect as described above. When wanted for use open at one end.

For Celery and Cabbage Plants, see page 33.



1. DREER'S WHITE SOLID CELERY.
2. EARLY RUSSIAN CUCUMBER.
3. EARLY WHITE-SPINED CUCUMBER.

4. N. Y. IMP. LARGE PURPLE EGG-PLANT.
5. GREEN CURLED SAVOY CABBAGE.
6. LARGE LONDON LEEK.

CHERVIL.—Per oz. 20 cts.*Cerfeuil*, FR. *Perifolio*, SPAN. *Garten Körbel*, GER.

Used as a small salad, and for seasoning like Parsley. Sow in drills one foot apart, in the spring and at intervals.

CHICORY—Large-rooted.—Per oz. 10 cts.

Sow in April. Cultivate like Carrots. Cut up and dry the roots, roast and grind like coffee. Used to mix with or as a substitute for coffee.

CORN SALAD.—Per oz. 10 cts.*Mache*, FR. *Canonigos*, SPAN. *Ackersalat*, GER.

Used as a small salad throughout the winter and spring. Sow on the opening of spring, in drills one foot apart; it will mature in six to eight weeks. For winter and early spring use sow in drills in August and September. Cover with straw on the approach of winter.

CORN—Garden Varieties.

Thirty cts. per qt. additional, when ordered to be sent by mail.

Maiz, FR. *Maiz*, SPAN. *Welschkorn*, GER.

	Per qt.		Per qt.
ADAM'S EXTRA EARLY .....	.20	BLACK MEXICAN .....	.30
EARLY NARRAGANSETT SUGAR .30		LARGE SWEET .....	.20
CROSBY'S EARLY SUGAR .....	.25	EVERGREEN SWEET .....	.20

Plant about first week in May and at intervals. The above varieties are the best for table use. Adam's Early is the hardiest, and can be planted about the middle of April, and is the first corn that appears in the market, but cannot compare with the Sugar, or the Evergreen, which are the *best* for table use. The Crosby's Early is the earliest of the sugar varieties; ears of good size, productive and very sweet.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted until May, and for a succession, continue planting every two weeks, until the middle of July, in well-manured ground, in hills three feet apart, or in rows eight inches apart.

CRESS.*Cresson*, FR. *Mastuerzo*, SPAN. *Garten Kresse*, GER.

CURLED OR PEPPER GRASS, per oz. .10 TRUE WATER, per oz. .50

Extensively used as a small salad. Sow at intervals throughout the season for a succession, as it soon runs to seed. The Cresses are healthful and excellent salad plants. The Water Cress requires a stream of running water, in which it will grow without care, except keeping at first weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed; is of an agreeable pungent taste.

CUCUMBER.*Concombre*, FR. *Cohombro*, SPAN. *Gurke*, GER.

	Per oz.		Per oz.
EARLY RUSSIAN .....	.15	LONG GREEN TURKEY .....	.15
EARLY FRAME .....	.10	GREEN PROLIFIC .....	.20
EARLY WHITE-SPINED .....	.10	GHERKIN, OR BURR .....	.25

The first three are the earliest and most esteemed table varieties.

The White-Spined retains its color longer than any other variety, and is largely grown for our markets. The last three are used for

For Prices by the Quantity, see page 41.

pickling. For early use, plant first week in May, on hills about four feet apart; the hills should be previously prepared with a shovelful of well-rotted manure; thin out to four plants after all danger from insects is over. For pickles, plant from June until the middle of July.

ENGLISH PRIZE CUCUMBERS.

In packages; 25 cts. each.

CHAMPION OF ENGLAND.
COOLING'S PROLIFIC.
EDWARD'S ECLIPSE.
GENERAL CANROBERT.
GENERAL GRANT.
GIANT OF ARNSTADT.

GLORY OF ERFURT (White).
MANCHESTER PRIZE.
PIERSON'S LONG GUN.
ROMAN EMPEROR.
SION HOUSE, IMPROVED.
TELEGRAPH.

These are the favorite varieties for forcing, frequently attaining a length of thirty inches. These sorts can be grown in hot-beds or hot-houses where the temperature does not fall below 65° at night. Plant in the centre of a sash.

EGG-PLANT.

Aubergine, FR. Berengena, SPAN. Eierpflanze, GER.

	Per oz.		Per ounce.
EARLY LONG PURPLE.....	.40	EARLY BLACK PEKIN.....	.75
NEW YORK IMP. PURPLE.....	.60	SCARLET (Ornamental).....	.75

The first three are the kinds usually cultivated for table use. The New York Improved Large Purple being free from thorns, productive, and growing very large, is the most desirable for a general crop—the last is an ornamental variety.

Sow in hot-beds early in March. When three inches high transplant into small pots, which plunge into the same bed, so that the plants may become stocky, and are readily planted out from the pots when the season becomes sufficiently warm, say June; transplant into thoroughly worked and well-enriched soil about three feet apart each way.

Draw the earth up to their stems when about a foot high. Egg-plant seed will not vegetate freely without substantial heat, and if the plants get the least chilled in the earlier stages of growth, they seldom recover. Repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plant.

ENDIVE.

Chicoree, FR. Endivia, SPAN. Endivien, GER.

	Per oz.		Per oz.
GREEN CURLED.....	.20	GREEN CURLED MOSS.....	.30
EARLY WHITE CURLED.....	.25	BROAD-LEAVED BATAVIAN....	.25

The Green Curled is considered the hardiest. Sow in July, in shallow drills. When two or three inches high, transplant into good ground, or thin out at a distance of a foot apart. Blanch by tying up, which must be done when quite dry, or they will rot. At the approach of winter, the growing crop may be taken up carefully, with a ball of earth to each plant, and planted close together in a frame or dry cellar, when it can be used during the winter prepared and dressed like a salad.

The Early White, self-blanching, is by far the finest curled variety, grows to a large size, and very tender.

KOHL-RABI, or Turnip-rooted Cabbage.*Chou Rave*, FR. *Cal de nabo*, SPAN. *Kohl Rabi*, GER.

	Per oz.		Per oz.
EARLY WHITE VIENNA.....	.30	LARGE LATE BLUE.....	.20
EARLY BLUE VIENNA.....	.30	LARGE LATE WHITE.....	.20

This is a favorite vegetable in Europe, especially on the continent, where it is extensively grown for feeding cattle, and is thought to keep better than Turnips; when fed to cows it imparts no unpleasant taste to the milk. It is steadily gaining favor in this country. Sow in April, and thin out or transplant in rows, twelve inches apart. For late use, sow in June and July.

KALE—See Borecole.

SEA KALE, per oz. 25 cts.

Chou Marin, FR. *Col. Marina*, SPAN. See *Kohl*, GER.

Is much esteemed in England, in some parts of which it grows spontaneously. The seed may be sown in October, or as early in the spring as the ground can be worked. Plant in hills about two feet apart.

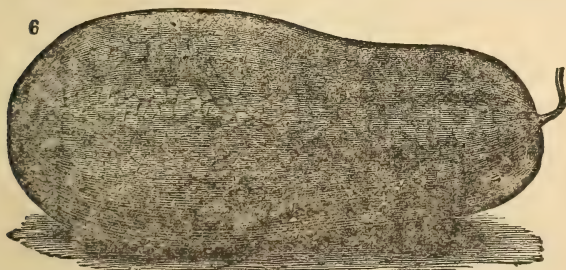
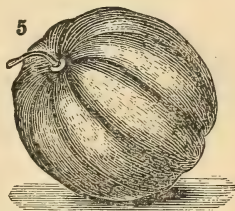
For further directions see "American Gardener's Assistant."

LETTUCE.*Laitue*, FR. *Lechuga*, SPAN. *Garten Salat*, GER.

	Per oz.		Per oz.
EARLY CURLED SILESIA.....	.20	WHITE OR ICE COSS.....	.30
EARLY BOSTON CURLED.....	.30	PARIS GREEN COSS.....	.30
EARLY STONEHEAD.....	.25	BROWN DUTCH.....	.30
EARLY TENNISBALL.....	.25	CURLED INDIA HEAD.....	.40
EARLY WHITE CABBAGE.....	.30	PERPIGNAN.....	.30
EARLY SIMPSON.....	.25	MONITOR, stands the heat.....	.40
DUTCH BUTTER (Spotted).....	.30	HANSON, stands the heat.....	.40
ROYAL CABBAGE.....	.25	ALL THE YEAR ROUND.....	.30

The Early Curled and Boston Curled are used as a cut salad, for which purpose they are sown thickly in frames, early in the spring, and somewhat later in the open borders. Early Stonehead, Dutch Butter (spotted), Early Tennisball and Early Simpson are the earliest heading varieties, producing fine salad-heads and the best for forcing and early planting. The Early Cabbage or Imperial Butter is a fine early heading variety, and also suitable for fall sowing in connection with Brown Dutch and White Cabbage, all of which will stand cut over winter with protection. The Royal Cabbage, Curled India, Perpignan, and Dutch Butter (spotted) produce fine solid heads and stand the summer heat well. The Hanson produces remarkably large heads, deliciously sweet, tender and crisp. The Coss varieties form long upright heads of narrow leaves, which are crisp and refreshing. To grow Head Lettuce fine, sow the seed in September; protect the plants during the winter in frames, and plant out early in April in rich moist ground, or sow in hot-beds in February or March, and afterwards transplant. For successive crops, sowings may be made in the open ground as early as spring opens until July; at the latter season sow and transplant in a cool moist place.

For Hanson Lettuce, see page 32.



1. KOHL-RABI, EARLY VIENNA.

2. EARLY CABBAGE LETTUCE.

3. BOSTON CURLED LETTUCE.

4. NETTED CITRON MUSK-MELON.

5. WHITE JAPAN MUSK-MELON.

6. MOUNTAIN SWEET WATER-MELON.

For Melons, see page 20.

LEEK.

Poireau, FR. *Puerro*, SPAN. *Lauch*, GER.

	Per oz.		Per oz.
LARGE LONDON.....	.25	LARGE MUSSELBURG, very fine	.40
LARGE ROUX.....	.30		

The Leek is very hardy; the whole plant is eaten, employed in soups, boiled with meat, etc., reputed more delicate than the Onion. Sow early in April. When the plants are four or five inches high, transplant in a deep rich soil in rows wide enough apart to work with a hoe.

MARTYNIA PROBOSCIDEA.

Per oz. 40 cts.

The seed pods are used to a considerable extent for pickling, when gathered green and tender. Sow in the open ground in May, thin out two feet apart.

MELON-MUSK.

Melon Muscade, FR. *Melon Muscatel*, SPAN. *Melone*, GER.

	Per oz.		Per oz.
JENNY LIND.....	.10	LARGE NETTED NUTMEG.....	.10
NETTED CITRON.....	.10	WARD'S NECTAR.....	.15
NETTED PINE APPLE.....	.10	WHITE JAPAN.....	.15
TURKS' CAP.....	.10	CASABA.....	.15

All the above varieties can be recommended. The Jenny Lind is the earliest variety, small, round size, and of excellent flavor; the Casaba is a late variety of large oval size and superior quality. The Turks' Cap and Ward's Nectar are green-fleshed sorts of recent introduction, exquisite flavor. The White Japan, an early medium size, roundish variety; skin and flesh creamy-white; centre orange, fine flavor. Plant early in May, in hills of rich light soil, six feet apart each way; allow three plants to each hill after all danger from bugs is over. When about a foot long, pinch off the tips, to make them branch. When the ground is heavy, dig holes three or four feet in diameter and eighteen inches deep, fill these with a compost of well-rotted manure mixed with rich light soil and sand; raise the hills above the level. Observe not to plant pumpkins or squashes near them, as they will hybridize. The Netted Citron, Pine Apple and Nutmeg are old varieties of fine flavor, and the leading market sorts.

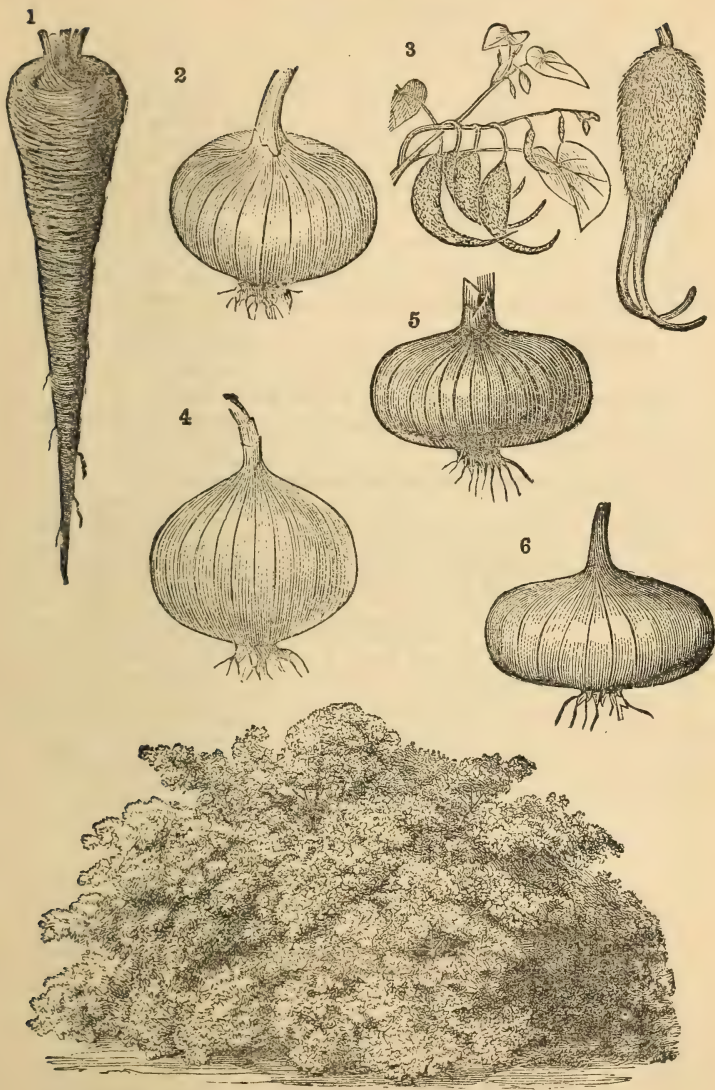
WATER-MELON.

Melon d'Eau, FR. *Sandia*, SPAN. *Wasser Melone*, GER.

	Per oz.		Per oz.
MOUNTAIN SWEET.....	.10	BLACK ITALIAN (new).....	.10
MOUNTAIN SPROUT.....	.10	ICE CREAM, true.....	.15
BLACK SPANISH.....	.15	ORANGE.....	.15
CITRON (for preserving).....	.10	GYPSY.....	.10

The Mountain Sweet, Gypsy, and Black Italian are cultivated extensively for the Philadelphia market; when well-grown, they cannot be surpassed for size or quality. The Ice Cream is early, of large size, crisp scarlet flesh, thin rind, and white seed. The Orange is of small size; the flesh separates from the rind like an orange, and is an excellent variety for late use. The Water-melon thrives best in a sandy soil, and should be planted in hills eight feet apart each way. Prepare the hills and treat the same as described for Musk-melons.

For Prices by the Pound, see page 42.



- | | |
|-----------------------------------|----------------------------------|
| 1. LARGE SUGAR PARSNIP. | 5. RED WETHERSFIELD ONION. |
| 2. WHITE OR SILVER-SKIN ONION. | 6. YELLOW STRASBURG ONION. |
| 3. MARTYNIA PROBOSCIDEA (PICKLE). | 7. CHAMPION MOSS CURLED PARSLEY. |
| 4. YELLOW DANVERS ONION. | |

For Onions, see page 22.

MUSHROOM SPAWN.

Sold in the form of Bricks, at 30 cts. By mail, 50 cts.

Champignon, FR. *Seta*, SPAN. *Champignon brut*, GER.

Culture.—Mushroom beds are best made under cover. A dry cellar or shed will do. Collect fresh horse-droppings without straw, turn them over three or four times to get rid of the heat, dig out a foot deep of the space to contain the bed, lay some long manure at the bottom, and then the prepared dung, a little at a time, evenly and well beaten down until it is a foot above the ground; put a layer of light earth on this, two inches thick; after a few days when the rank heat has passed off place the spawn in the bed in lumps about two inches square and six inches apart, then cover with light earth an inch thick: beat it gently down all over. Cover the bed thickly with straw, and if out of doors, keep off rain, and protect from the cold with mats or boards. In about five weeks the Mushrooms should make their appearance.

MUSTARD.—Per oz., 10 cts.; per lb., 50 cts.; by mail, 65 cts.

Moutarde, FR. *Mostazo*, SPAN. *Senf*, GER.

WHITE OR YELLOW (English.) | BROWN OR BLACK.

Sown like Cress and used as a small salad. The White Mustard is also used for medicinal purposes.

NASTURTIUM, OR INDIAN CRESS.—Per oz., 20 cts.

Capucine grande, FR. *Capuchina*, SPAN. *Kapuziner*, GER.

The seed-pods and foot-stalks are gathered green and pickled in vinegar; resembling capers. The flowers are used for garnishing, and leaves for mixing with salads. Sow in drills, when all danger of frost is over, in light rich soil, and train on brush or trellises.

OKRA, OR GOMBO.

Gombo FR. *Quibombo*, SPAN. *Essbarer Hibiscus*, GER.

IMPROVED DWARF, LONG-PODDED, per oz. 10 cts.

The young green capsules of this plant are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Plant the seeds about the middle of May, in hills or drills; thin to three plants to the hill. Plant the seed thickly, as it is liable to rot in the ground; rich ground is necessary. The very young pods can be gathered and dried for winter use; the ripe seeds are used as a substitute for coffee.

ONION.

Ognon, FR. *Cebolla*, SPAN. *Zwiebel*, GER.

	Per oz.		Per oz.
WHITE OR SILVER-SKIN.....	.25	YELLOW DANVERS.....	.20
YELLOW STRASBURG.....	.20	RED WETHERSFIELD.....	.15

The Silver-Skin and Yellow Strasburg seed are of Philadelphia growth, as northern grown and imported seed will not produce sets. For sets, sow the seed as early as possible in the spring, very thickly, in beds or in drills with a seed drill. As soon as the tops die off in the summer, remove them to a dry, airy place; and early in the following spring replant in rows about four inches apart, the rows wide enough apart to admit of hoeing. The Onions, by this process, are obtained of a large size early in the season. They may be reared to full size during the

For Onion Sets and other Roots, see page 38.

first season by sowing in drills early in March, in strong land, and thinning them out to stand two or three inches apart, keeping them well hoed: for this purpose the Red Wethersfield and Yellow Danvers are usually preferred.

The Onions delight in a strong, rich, deep soil; the ground should be heavily manured with well-rotted manure.

PARSLEY.

Persil, FR. *Perejil*, SPAN. *Petersilie*, GER.

	Per oz.		Per oz.
DOUBLE CURLED.....	.10	EXTRA CURLED.....	.15
CHAMPION MOSS CURLED.....	.15		

Sow early in April, in rows one foot apart, thin out to stand six inches apart. Soak the seed first in warm water, or sprout in damp earth, and sow when the seed swells or bursts. For winter use, protect in a frame or light cellar.

PARSNIP.

Panais, FR. *Chariberia*, SPAN. *Pastinake*, GER.

LARGE SUGAR OR HOLLOW-CROWNED, per oz. 10 cts.

This is decidedly the best variety. Sow as early in the spring as the weather will admit, in rich ground, well dug. Cultivate similar to Carrots. The roots improve by leaving in the ground over winter, securing enough in pits or the cellar for immediate use. Valuable for feeding stock as well as table use.

PEAS.

In ten cent packets, or by the quart at prices annexed.
Thirty cts. per qt. additional, when ordered to be sent by mail.

Pois, FR. *Guisante*, SPAN. *Erbsen*, GER.

Early Varieties.

	Height.	Per qt.
DREER'S EXTRA EARLY, the earliest, most prolific and even cropper. The crop can be gathered in two pickings. The market gardener's favorite.....	2 ft. ....	.40
CARTER'S FIRST CROP, the earliest English variety.....	2½ " ....	.30
*LAXTON'S ALPHA, the earliest blue-wrinkled prolific variety, of exquisite flavor.....	3 " ....	.40
TOM THUMB, very dwarf.....	10 in. ....	.40
DANIEL O'ROURKE, a prolific variety, ten days later than Dreer's Extra Early, sold under the name of Phila. Extra Early and several other synonyms.....	3 ft. ....	.25
*MCLEAN'S LITTLE GEM, a dwarf green-wrinkled variety, very prolific, of superior flavor.....	10 in. ....	.40
KENTISH INVICTA, a productive first early blue pea, of fine color and good quality.....	2 ft. ....	.40
*MCLEAN'S ADVANCER, prolific; well-filled long pods, early, tender, and of a delicious flavor.....	3½ " ....	.40
LAXTON'S PROLIFIC LONG POD, a valuable variety producing long pods containing 10 to 12 peas each.....	4 " ....	.40
*EUGENIE, a fine productive variety of good flavor.....	2 " ....	.40

Those marked thus * are Wrinkled Marrows, the finest flavored.

The Tom Thumb and Little Gem are the best early dwarf Peas; they require a rich soil, and are well suited from their dwarf habit for small gardens; can be planted in rows one foot apart.

For Peas by the Bushel, see page 42.

PEAS—Continued.**For General and Late Crops.**

	Height.	Per qt.
*CHAMPION OF ENGLAND (one of the best).....	4 ft. ....	.30
*VEITCH'S PERFECTION, a large delicious marrow pea,	3 " ....	.50
*HAIR'S DWARF GREEN MARROW, fine flavored... ..	2½ " ....	.40
DWARF BLUE IMPERIAL, good prolific variety.....	2½ " ....	.25
*CARTER'S LEVIATHAN, of hardy constitution, free from mildew, producing peas of enormous size.....	6 " ....	.50
LARGE WHITE MARROWFAT, for market culture.....	3 " ....	.20
BLACK-EYE MARROWFAT, " " "	3 " ....	.20
*FRENCH WRINKLED SUGAR, edible pods.....	2½ " ....	.50
DWARF SUGAR, edible pods.....	2 " ....	.50
TALL SUGAR, " "	6 " ....	.60

Those marked thus * are Wrinkled Marrows, the finest flavored.

Commence planting the early kinds as early in the spring as the ground can be worked. All the other sorts will answer for successive crops. To have Peas during the summer and autumn plant in June, July and August, in single or double rows, from two to four feet apart, according to height. Dreer's Extra Early is one of the best for early as well as late planting, and is extensively used by our market gardeners for a late fall crop; for which purpose plant in July and August.

PEPPER.

Piment, FR. Pimiento, SPAN. Pfeffer, GER.

	Per oz.		Per oz.
SWEET BELL or MOUNTAIN... ..	.30	CAYENNE, LONG RED....	.40
TOMATO-SHAPED .....	.30	CHERRY, RED.....	.40
CAYENNE, LONG YELLOW....	.40	SMALL CHILI.....	.40

The two first are used and esteemed most highly, when green, for pickling. The Sweet Bell or Mountain is quite mild, and attains a large size. The last four are used for flavoring and seasoning. Sow in hot-beds in March, or on a warm border early in May. Transplant in good rich ground, from 18 to 24 inches apart.

PUMPKIN.

Potiron, FR. Calabaza, SPAN. Kürbis, GER.

CASHAW (Crooked-necked) per oz. .10 |	LARGE CHEESE.....per oz. .10
MAMMOTH.....per oz. .30 |	FIELD.....per lb. .25

Plant in May in hills, eight or ten feet apart each way. The Cashaw is generally preferred for cooking, similar in many respects to the Yellow Crook-neck Winter Squash.

RHUBARB.—Per oz., 25 cts.

Rhubarbe, FR. Ruibarbo Bastardo, SPAN. Rhabarber, GER.

VICTORIA. | LINNÆUS.

The stalks of this plant are used for pies and tarts. It is fit for use before green fruit appears, and is an excellent substitute. Sow in April; transplant the ensuing autumn or spring to any desired situation. To grow the stalks to perfection, the ground must be dug and heavily manured, at least two feet deep. Set out the roots four feet apart each way. As no dependence can be placed upon growing the varieties truly from seed, it is recommended to those who desire a choice article to procure the roots. See Esculent Plants, page 38.

For Potatoes, see pages 37 and 38.

RADISH.

10 cts. per oz., except where noted.

Radis et Rave, FR. *Rubano*, SPAN. *Rettig*, GER.

EARLY SCARLET OLIVE-SHAPED.	LARGE TUR. YELLOW SUMMER.
EARLY WHITE OLIVE-SHAPED.	LONG WHITE NAPLES SUMMER.
WHITE TURNIP.	WHITE SPANISH WINTER.
RED TURNIP.	LONG BLACK SPANISH WINTER.
FRENCH BREAKFAST.	ROUND BLACK SPANISH WINTER.
LONG SCARLET SHORT TOP.	SCARLET CHINA WINTER, 15 cts.
LONG SALMON SHORT TOP.	WHITE CHINA WINTER, 15 cts.
LARGE TURNIP WHITE SUMMER.	

The first column contains the varieties used for early sowings in gentle hot-beds during the winter and early spring, or on sheltered borders as soon as the ground can be worked. The ground should be well manured, dug and raked; they flourish best in a light mellow soil, and unless grown rapidly and well stimulated they become fibrous and tough. The French Breakfast is oval scarlet, tipped with white. The Yellow Turnip and White Naples are excellent for summer and fall use, standing the heat better than the other sorts. The last five on the list are sown in August for winter crops; they can be stored in a cellar or pit. The China varieties are milder than the Spanish sorts.

SALSIFY, OYSTER PLANT.—Per oz. 25 cts.

Salsifis, FR. *Ostra Vegetal*, SPAN. *Hoferwurzel*, GER.

A fine vegetable used as Carrots; or, after being boiled, made into cakes with paste, and fried like oysters, which they resemble in flavor. Cultivate same as Parsnips; it is also hardy and can remain in the ground all winter for early spring use. The Salsify succeeds best in light, well-enriched, mellow soil dug two spades deep. Sow early in spring in drills fifteen inches apart; thin out to four inches apart.

SCORZONERA.—Per oz., 30 cts.

Scorsonere, FR. *Escorzonera*, SPAN. *Schwarzwurzel*, GER.

Known as Black Salsify. It is cultivated and used in the same manner as the Salsify.

SORREL—Garden.—Per oz., 20 cts.

Oseille, FR. *Acedera*, SPAN. *Sauerampfer*, GER.

Used as a salad. Sow in April in rich mellow soil, in shallow drills; thin out the plants six inches apart.

SPINACH.

10 cts. per oz.; 60 cts. per lb., except where noted.

Epinard, FR. *Espinaca*, SPAN. *Spinat*, GER.

ROUND-LEAVED SAVOY.	PRICKLY-SEEDED.
FLANDERS (broad-leaved).	NEW ZEALAND, per oz. 15 cts.

For spring and summer use, sow either broadcast or in drills as early as the ground can be worked. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves.

For Seeds by the Pound, see page 43.

SQUASH.

Courge, FR. Calabasa Tontanera, SPAN. Kürbis, GER.

Per oz.	Per oz.
EARLY BUSH, OR PATTY PAN. .10	MARBLEHEAD..... .15
EARLY GOLDEN BUSH..... .10	BOSTON MARROW..... .15
LONG GREEN CROOK-NECK..... .15	HUBBARD..... .15

The varieties of the first column are the best for summer use. The Early Bush appears to be the favorite variety for summer use, as it is more extensively grown than any other, and being of a bushy habit, is more suitable for small gardens than the running kinds. The last column are superior winter varieties. The Marblehead is a new winter variety of great excellence and fine keeping qualities. Plant in hills in the same manner, and at the same time, as Cucumbers and Melons. The bush varieties three or four feet apart, and the running kinds from six to nine.

TOMATO.

Tomate, FR. Tomate, SPAN. Liebes Apfel, GER.

Per oz.	Per oz.
EXTRA EARLY RED..... .25	LARGE SMOOTH RED..... .20
GENERAL GRANT..... .30	PHILADELPHIA MARKET..... .30
TROPHY, the largest..... .50	LARGE YELLOW..... .30
TILDEN..... .30	RED AND YELLOW PLUM, each .40
COOK'S FAVORITE..... .30	CHERRY, Red and Yellow, each .50
FEJEE ISLAND, true..... .30	ARLINGTON, large solid..... .40

The Extra Early curled leaf is desirable only for ripening a few days in advance of the other varieties. The Trophy is now the popular sort for family use. The fruit is of large size, solid, and fine-flavored. The Cook's Favorite, also a solid, smooth variety, medium size. The Fejee Island, large size, solid, and good flavor, but later in ripening than the other sorts. These three varieties can be recommended for general cultivation or family use; for putting up in cans for winter use they are superior, as they contain less water and seeds than other varieties. For early use sow in hot-beds, or boxes, early in March, and plant out in May, from four to five feet apart; pinch off the side branches to obtain early fruit. For late use sow in a sheltered border in May and set out the plants in July; the green fruit can be picked off before frost, and ripened under glass. By training the tomato vines on trellises or tying to stakes they will increase in productiveness, the fruit will ripen better and be of finer quality, not considering the ornamental part, than were they left to grow wild on the ground. For illustration, see page 39.

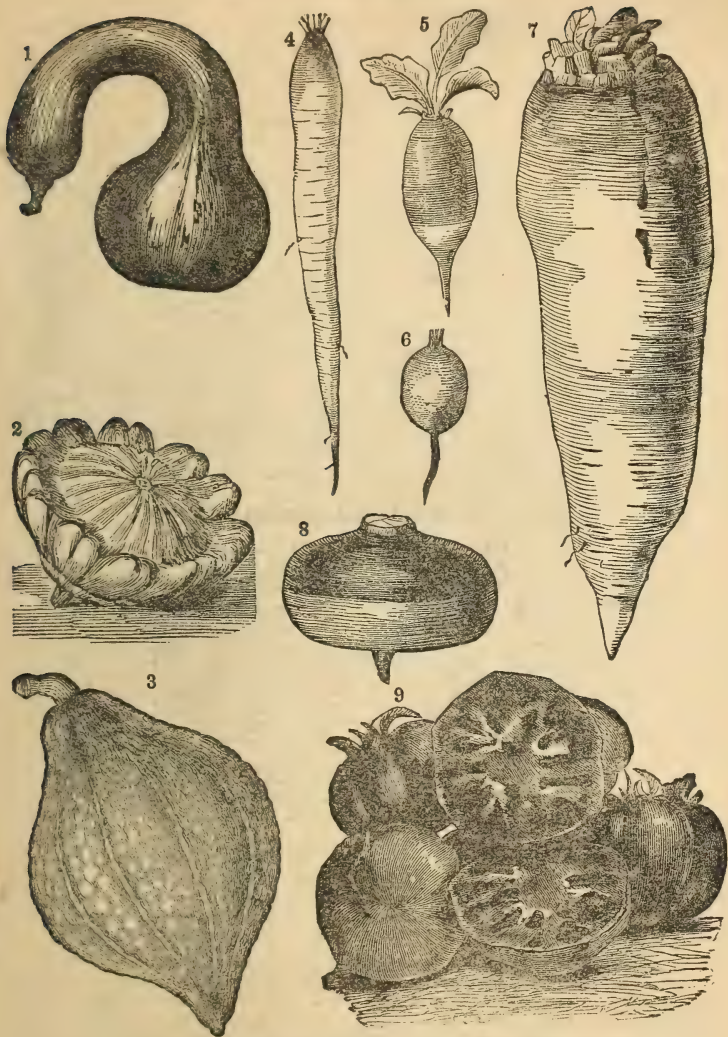
TURNIP.—Per oz. 10 cts.

Navet, FR. Nebo Comun, SPAN. Rübe, GER.

WHITE FLAT DUTCH, strap-leaved.	LONG WHITE FRENCH.
PURPLE OR RED TOP, strap-leaved.	LONG WHITE COW HORN.
TELLOW OR MARROW.	YELLOW ABERDEEN, OR SCOTCH.
ROBERTSON'S GOLDEN BALL.	PURPLE TOP RUTA BAGA.
POMERANIAN GLOBE.	GOLDEN GLOBE RUTA BAGA.
WHITE NORFOLK OR GLOBE.	EARLY NIMBLE SIX WEEKS.

The first five on the list are the best for table use: the Flat Dutch is usually sown for early summer use, quite early in the spring, and also

For New Varieties of Tomato, see page 34.



1. CASHAW PUMPKIN, OR WINTER CROOK-NECK SQUASH.
2. EARLY BUSH SQUASH.
3. HUBBARD SQUASH.
4. LONG SCARLET SHORT-TOP RADISH.

5. FRENCH BREAKFAST RADISH.
6. EARLY SCARLET OLIVE RADISH.
7. LONG RED MANGEL-WURZEL BEET. See p. 14
8. PURPLE OR RED TOP TURNIP.
9. TROPHY TOMATO.

For Radishes, see page 25.

with the Purple Top and Pomeranian Globe in July and August, for a main crop. Robertson's Golden Ball is highly recommended for culinary purposes. So is also the Teltow, a small, delicate-flavored variety grown largely in Europe and esteemed the best table variety; its peculiar flavor is in the outer rind, which should not be peeled when used. Long White French or Sweet German is increasing in favor either for table use or feeding stock, being productive and remarkably sweet and mild; sow in June and July. The Cow Horn grows very quickly, partly above ground; very productive and of good quality. The Norfolk, Aberdeen and Ruta Baga varieties are *principally used for feeding stock*. Sow Ruta Baga seed in June, or early in July, in drills two feet apart, and thin out to stand six inches apart, keeping the ground well stirred and clear of weeds. The Turnip varieties can be sown until September 1st, either in drills or broadcast, though it is not well to depend on such sowings, as an early winter may stop their growth. As Turnips are grown principally for consumption during the winter and early spring, a few brief hints for their preservation is necessary. Take up the roots in November, cut off the tops within an inch of the crown. Those for winter use can be stored away in a cool cellar or pit, and covered over with a few inches of dry earth. For early spring use, pile up in conical form, out of doors, cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth; leave a vent or air-hole, by placing a bunch of straw in the top. Put away in this manner they will be found in good condition in the spring.

POT, SWEET AND MEDICINAL HERBS.

5 cts. per packet, except where noted.

	Per oz.	Per lb.
<i>Anise</i>.....	.10	\$1.00
<i>Basil, Sweet</i>.....	.20	2.00
<i>Bene</i>.....	.20	2.00
<i>Caraway</i>.....	.10	1.00
<i>Coriander</i>.....	.10	1.00
* <i>Dill</i>.....	.15	1.50
* <i>Fennel, Sweet</i>.....	.15	1.50
* <i>Lavender</i>.....	.20	2.00
<i>Marjoram, Sweet (American)</i>.....10 cts.	.50	6.00
<i>Marjoram, Sweet (Imported)</i>.....	.30	3.00
* <i>Sage</i>.....	.25	2.50
<i>Savory, Summer</i>.....	.20	2.00
* <i>Thyme</i>.....	.40	4.00
<i>Angelica</i>	<i>Burnet</i>	<i>Rue</i>
* <i>Balm</i>	<i>Cumin</i>	* <i>Rosemary</i> . 10 cts.
<i>Balsam Apple</i>	<i>Elecampane</i>	* <i>Savory, Winter</i>
<i>Balsam Pear</i>	* <i>Horehound</i>	* <i>Tansy</i> . 10 cts.
<i>Borage</i>	<i>Marigold Pot</i>	* <i>Wormwood</i>
* <i>Dandelion (Leontodon Taraxacum)</i>	10 cts.	

Those marked with a * are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow in April, in shallow drills; when up a few inches, thin out to proper distances, or transplant. No garden is complete without a few sweet aromatic or medicinal herbs for flavoring soups, etc., and care should be taken to harvest them properly. This should be done on a dry day just before they come into full blossom; then dry quickly in the shade, pack close in dry boxes or vessels excluded from the air.

For Turnips by the Pound, see page 43.

NEW VEGETABLES,

Or varieties of recent introduction and special merit, as well as omissions in general list.

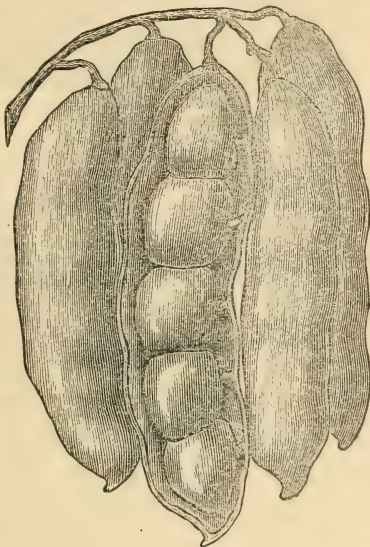
The description of *New Varieties* are as given by their respective growers. Price, 10 cents per packet, except when noted.

DREER'S IMPROVED LIMA BEAN.

This variety was introduced in the Spring of 1875, and is the result of more than thirty years careful selection, until it has established its present character, prolificness and superior quality; the shelling becomes an easy matter from the fact of the pods being entirely full, as represented by cut. They produce from $\frac{1}{4}$ to $\frac{1}{3}$ more shelled beans to the acre under the same treatment. Five bushels of dry pods will shell one bushel of beans, while it takes $7\frac{1}{2}$ bushels of the Large Lima to shell the same amount; when green they are nearly as large as the Large Lima, being thicker, sweeter, more tender and nutritious, remaining green in the pod a long time after maturing, which is a benefit to the market gardener.

Another year's trial still proves that they have no equal.

Price, \$16.00 per bushel; 75 cts. per qt.; 20 cts. per packet.



DREER'S IMPROVED LIMA BEAN.

BEAN, GOLDEN WAX. This new dwarf variety is ten days earlier than the German Wax, and the pods are large, long, brittle, entirely stringless, and of a rich golden color. As a snap bean, it excels all others in tenderness and rich, buttery flavor, while as a bean for winter use, it has few equals. Per qt., 50 cts.; per bush. \$12.00.

BEAN, WHITE-SEEDED VALENTINE. A new variety, produced from the Red Speckled Valentine Snap Short, and of equal productiveness and good quality, which will become one of our leading market Beans on account of the color being white. Per qt., 40 cts.

BEEF, BASTIAN'S EXTRA EARLY RED. The perfection of a Beet, being very early; of quick growth, fine turnip-rooted form and good bright-red color, a profitable variety for the market gardener, and one of the best for family use. Per lb., \$1.25; per oz., 15 cts.

BEEF, BASTIAN'S HALF-LONG BLOOD. In color, shape and size it is all that can be desired in a Beet; a valuable variety to follow the preceding one. Per lb., \$1.25; per oz., 15 cts.

CABBAGE, HENDERSON'S EARLY SUMMER. A new early



HENDERSON'S EARLY SUMMER CABBAGE.

variety, with large solid heads, coming in a few days later than the Wakefield. It is valuable on account of rarely bursting open when ripe, so that if the crop is not used at once it does not spoil, as is the case with most early sorts. Per lb. \$12; per oz., \$1; per packet, 20 cts.

CABBAGE, EARLY WYMAN. Heads early in the season; is of large size, and first quality. Per lb., \$8; per oz., 75 cts.

CABBAGE, LARGE EARLY SCHWEINFURT. A large second early or fall variety. Per lb., \$4; per oz., 40 cts.

CABBAGE, FILDERKRAUT. A favorite German variety, with solid conical heads. Per lb., \$5; per oz., 50 cts. See cut on next page.

CABBAGE, FOTTLER'S IMPROVED BRUNSWICK. One of the best early Drumhead varieties, a splendid second early and late sort, large solid heads. Per lb., \$5; per oz., 50 cts.

CABBAGE, SIMONS' EARLY DRUMHEAD. A favorite second early large solid-heading variety with the Philadelphia market gardeners; this has been grown with great care expressly for that trade. Per lb., \$4; per oz., 40 cts.

CABBAGE, LARGE WHITE ERFURT. A second early Flat Dutch solid heading variety. Per lb., \$5; per oz., 50 cts.

CABBAGE, PHILADELPHIA FLAT DUTCH. The favorite variety of the Philadelphia market; large solid flat heads, short stem. Our own superior stock, second to none; a valuable winter variety for the market gardener. Per lb., \$3; per oz., 30 cts.

CABBAGE, PHILADELPHIA LATE DRUMHEAD. A favorite winter variety of the Philadelphia market; large solid heads. A little later than the Flat Dutch. Per lb., \$3; per oz., 30 cts.

CABBAGE, STONE-MASON (Marblehead). A large, solid, tender, free heading, winter Cabbage. Per lb., \$4; per oz., 40 cts.

CABBAGE, GREEN GLAZED. Grown at the South, being less subject to the attack of insects. Per lb., \$3; per oz., 30 cts.

CABBAGE, DARK BLOOD-RED ERFURT. A superior early solid-heading variety, for pickling. Per lb., \$4; per oz., 40 cts.

CARROT, HALF-LONG CARENTAN. A new scarlet variety, without core. Per lb., \$1.50; per oz., 15 cts. See cut on next page.

CAULIFLOWER, EARLIEST DWARF ERFURT. Small-leaved for forcing, producing very solid pure-white heads, about 15 inches high. After a trial by our market gardeners it has proven the best for the above purpose. Per oz., \$4; per packet, 50 cts.

CAULIFLOWER, EARLIEST ALGIERS. Fine for forcing, the first that appears in the Paris markets. Per oz., \$2; per packet, 25 cts.

CAULIFLOWER, VEITCH'S AUTUMN GIANT. One of the finest late varieties ever introduced. Per oz., \$2; per packet, 25 cts.



HALF-LONG CARENTON CARROT.



FILDERKRAUT CABBAGE.

CELERY, BOSTON MARKET. This is the short, bushy, solid celery for which Boston market is so famous. Per lb., \$4; per oz., 40 cts.

CELERY, SANDRINGHAM DWARF. White; produced by the gardener to the Prince of Wales. Solid, crisp, and of fine flavor. Per lb., \$2.50; per oz., 25 cts.

CORN, TRIUMPH. A new sweet variety of superior quality, the earliest of the large varieties, and being unsurpassed for sweetness, flavor, productiveness, as well as size of ear, and white when cooked. It is a fine market variety. Per qt., 30 cts.; per ear, 5 cts.

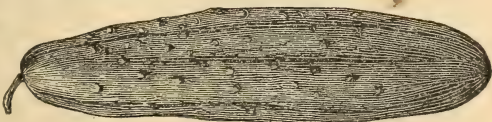
CORN, BLACK MEXICAN SWEET. A variety of sugar with black ears, said to be the sweetest of all. Per qt., 30 cts.; per ear, 5 cts.

COLLARDS. This variety of the Cabbage tribe is prized in the South, where it is grown extensively for greens, and used as a substitute for Cabbage, in portions of the South where it is almost impossible to succeed with raising cabbage-heads. Per lb., \$2; per oz., 20 cts.

CUCUMBER, TENDER AND TRUE. A splendid new variety of the English Prize, grows from 24 to 30 inches long, of a deep green color and excellent flavor, a free bearer, strong constitution, and suitable for winter or summer. Per packet, 50 cts.

CUCUMBER, TAILBY'S HYBRID.

A new variety, hybridized with White Spined, and one of the largest of the



TAILBY'S HYBRID CUCUMBER.

English Frame varieties; a perfect success in hardiness, larger than the White Spined, and retains the smooth beauty of the English. Per lb., \$3; per oz., 30 cts.

CUCUMBER, GREEN PROLIFIC. A new pickling variety, dark green, productive, of uniform size, hardly yielding any too large for pickling, tender, crisp, and of fine flavor. Per lb., \$2; per oz., 20 cts.

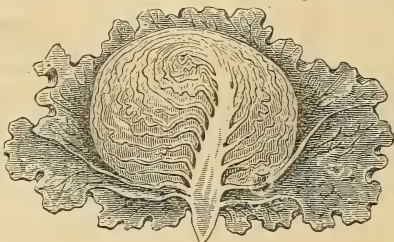


EVER WHITE CURLED ENDIVE.

**ENDIVE, EVER
WHITE CURLED**
(Self-blanching).

The finest White Curled variety, grows to a large size, very crisp and tender. Per lb., \$4; per oz., 40 cts.

LETTUCE, HANSON. This cut represents a sectional view, showing the inside of this truly superior lettuce, the heads of which grow to a remarkable size and are deliciously sweet, tender, and crisp, even to the outer leaves. The color is of the most beautiful green without and white within, and is entirely free from any bitter or unpleasant taste found in some varieties. If this sort be wintered over in cold frames or sown in hot-beds and planted out very early in the spring, it produces heads to a remarkable size, often weighing 2½ to 3 pounds, and measuring to outer leaves ten inches in diameter. Per lb., \$4; per oz., 40 cts.



HANSON LETTUCE.

LETTUCE, AMERICAN GATHERING. A new curled variety, forming good sized heads, leaves tender, crisp, light green, edged with violet, and of fine flavor. Per oz., 50 cts.



KINGSHOLM COSS LETTUCE.

LETTUCE, KINGSHOLM COSS. The finest of the Paris Coss type, withstands the summer heat for a long time after the other varieties have run to seed; heads in without tying. Per lb., \$4; per oz., 40 cts.

LETTUCE, BOSSIN'S GIANT. A large new French variety, grows to a large size and stands the sun well. Per oz., 30 cts.

LETTUCE, MONITOR. The best summer heading Lettuce grown, standing the heat and rarely runs to seed, very tender, crisp, and of fine flavor. Per lb., \$4; per oz., 40 cts.

- MUSK-MELON, GREEN CITRON CLIMBING.** A new variety for trellises, medium size, ribbed, of a fine aromatic flavor, and very productive. Per packet, 20 cts.
- MUSK-MELON, PRESCOTT.** A French variety of great excellence. Fruit medium to large, nearly round, deeply lobed, deep flesh, rich orange color, sweet, and delicious. Per oz., 50 cts.
- MUSK-MELON, GOLDEN ORANGE.** Medium size; flesh reddish orange, sweet, early and productive. Per lb., \$1; per oz., 10 cts.
- MUSK-MELON, CASABA.** A cantaloupe of extraordinary size and delicious flavor; usual weight from 12 to 15 pounds. Per lb., \$1.50; per oz., 15 cts.



CASABA MUSK-MELON.

- MUSK-MELON, HACKENSACK.** A variety of the Green Citron, deeply netted, very large, productive and of excellent flavor, extensively grown for the New York market. Per lb., \$1.50; per oz., 15 cts.
- WATER-MELON, BLACK ITALIAN.** A new variety resembling the Black Spanish in shape, color and size, nearly round and solid, very thin rind, scarlet flesh. Sweet and luscious. A profitable variety for the market gardener. Per lb., \$1; per oz., 10 cts.
- WATER-MELON, GYPSY.** A superior early variety, large oblong, light green, beautifully mottled and striped with yellowish white; rind thin, flesh light crimson, sweet and highly flavored. An excellent market variety. Per lb., \$1; per oz., 10 cts.
- ONION, NEW QUEEN.** This variety is represented as a rapid grower, white skin, fine mild flavor, and the best keeper of the new foreign varieties. Per lb., \$4; per oz., 40 cts.
- ONION, NEW GIANT ROCCA OF NAPLES.** Very large, of globular shape, light brown skin. Per lb., \$3; per oz., 30 cts.
- ONION, GIANT WHITE ITALIAN TRIPOLI.** Large and of mild flavor; succeeds admirably at the South. Per lb., \$4; per oz., 40 cts.
- ONION, RED ITALIAN TRIPOLI.**—A large flat variety, mild flavor. Per lb., \$3; per oz., 30 cts.
- ONION, EARLY BLOOD RED.** About ten days earlier than the Large Red, productive, mild flavor and good keeper. Per lb., \$1.50; per oz., 15 cts.
- PARSLEY, FERN-LEAVED.** A new variety, very curly, of fine form and color, fine for garnishing as well as a decorative plant. Per oz., 50 cts.; per packet, 20 cts.

- PEA, CARTER'S EXTRA EARLY PREMIUM GEM.** The finest dwarf early wrinkled Pea; pods long and prolific, height 18 inches, recommended for forcing or out-door culture. Per qt., 50 cts.
- PEA, LAXTON'S FILLBASKET.** A large, handsome, prolific variety, height 3 feet, pods long, round, and closely filled; for a general crop is unequalled. Per qt., 75 cts.; per packet, 20 cts.
- PEA, LAXTON'S WILLIAM THE FIRST.** The finest first early Pea, combining flavor, earliness, and productiveness. It has long, handsome, well filled, deep-greenish pods; height 3 ft. Per qt., 40 cts.
- PEA, MCLEAN'S BLUE PETER.** One of the earliest and hardiest of the Tom Thumb varieties; pods dark green, contain from 5 to 8 large peas of excellent quality; capital bearer. Per qt., 50 cts.
- RADISH, CALIFORNIA WHITE.** Mammoth Winter. Grows to a large size; 12 inches long. Per lb., \$2; per oz., 20 cts.
- SQUASH, BUTMAN.** This new salmon-colored variety is fine grained, dry, and of excellent flavor, having all the good qualities of the Hubbard and summer varieties combined. Per lb., \$1.50; per oz., 15 cts.



BUTMAN SQUASH.

- TOMATO, EARLY ACME.** This new and unparalleled variety, having been thoroughly tested by experienced growers, as well as ourselves, the past season, we must pronounce it one of the best. Ripens evenly, and of medium uniform size, round, solid and of a pinkish color, very productive, and bearing until killed by frost. Per oz., \$1.50; per packet, 20 cts.
- TOMATO, EARLY LITTLE GEM.** This new variety is ten days earlier than any other. Vines medium, of compact growth, loaded with bright red fruit of medium size, round and of uniform shape. Per oz., 75 cts.; per packet, 20 cts.
- TOMATO, GOLDEN TROPHY.** A new golden-yellow variety, more productive, ripens a week earlier, continuing until frost, flesh firm, solid, and of excellent flavor. Per oz., 50 cts.
- TOMATO, GREEN GAGE.** A new, smooth, orange-colored variety, of good flavor and medium size. Per oz., 50 cts.
- TOMATO, THE CONQUEROR.** Bearing in clusters, which ripen nearly at the same time. Early, of good size, deep red, smooth and solid, ripening well up to the stem. Per oz., 40 cts.
- TOMATO, HATHAWAY'S EXCELSIOR.** Early, medium size, smooth as an apple, very solid and of excellent quality. Per oz., 40 cts.
- TOMATO, CANADA VICTOR.** Introduced as a very early variety, of medium size, smooth and solid. Per oz., 30 cts.

**TOMATO,
DREER'S SE-
LECTED TRO-
PHY.** Seeds saved
only from the finest
specimens, which
for size, smooth-
ness, solidity and
excellent flavor,
are unsurpassed.
Per oz., 75 cts.;
per packet, 20 cts.



DREER'S SELECTED TROPHY TOMATO.

All the seeds on this list are mailed free to any part of the United States or Canada, at the prices annexed, except Beans, Corn, and Peas, which require 30 cents per quart additional to prepay postage, as well as those noted, when ordered to be sent by mail.

AGRICULTURAL, GRASS, CLOVER, AND MISCELLANEOUS SEEDS, ETC.

The following articles, comprising the varieties under their respective heads as above, when ordered to be sent by mail, require 30 cents per quart and 15 cents per pound additional, to prepay postage. All the Grass Seeds will be mailed for the additional price of 15 cents per quart (except Timothy, Clover, Hungarian, and German Millet, which require the above postage).

GRASS AND CLOVER SEEDS.

Prices subject to variation, to correspond with the market, especially those marked "about," as they fluctuate in price, quotations given on application. Our Grass and Clover Seeds are all of the best quality and thoroughly cleaned.

LAWNS.—Prepare the ground well before laying down a new lawn, which is frequently imperfectly done. We give the following directions to those who wish to profit by them: first get the ground in the desired shape and grade, taking care when hills are removed, that sufficient sub-soil is taken off, so as to replace it with good top-soil, at least to the depth of six inches all over the surface of the lawn; the ground should be drained wherever necessary, thoroughly plowed, sub-soiled, and harrowed, until completely pulverized, removing all stones, roots, etc., so as to obtain an even and smooth surface, apply from two to three hundred pounds of fine bone dust or Peruvian Guano per acre, avoiding stable manure, as it always contains weed seeds. The lawn being ready sow the seed in March, April, or May, but the earlier in the season you can prepare the soil and sow, the better, using three bushels of Dreer's best *Lawn Mixture* to the acre. When the seed and fertilizer is sown, apply a light harrow, and after that give it a thorough rolling, so as to have as even a surface as possible. If the seed is sown late in the season a sprinkling of *Oats* should be sown at the same time, to protect the

young grass from the sun. For small plots, digging, trenching, and raking must be done, instead of plowing, sub-soiling, and harrowing.

Our mixture of Lawn Grass is unsurpassed either for lawns, parks, or grass plats; it forms a thick, compact growth of short growing varieties, following one another in succession, and can be highly recommended.

GERMAN, OR SOUTHERN MILLET GRASS.—This Grass, almost unknown, must soon have a wide-spread reputation. It will grow in almost any climate or soil, the yield in Hay or Seed is larger, all things being equal, than any other, growing from four to six feet high. In no case are the stalks hard, but readily eaten by all kinds of stock.

Lawn Grass, finest mixture.....	Per qt. .25	Per bush. of 14 lbs.,	\$5.00
Lawn Grass, good mixture.....	" .20	" "	4.00
Kentucky Blue Grass, extra clean, "	.20	" "	3.00
Natural Green Grass, very fine...	.25	" "	5.00
Orchard Grass.....	" .20	" 12 lbs.	3.00
Herd Grass, or Red Top..	" .15	" 10 lbs.	1.50
Herd Grass.....		Per sack of 50 lbs.	5.00
Tall Meadow Oat Grass, valuable for permanent pasture, or Hay...	Per qt. .20	Per bush. of 14 lbs.	4.00
English or Perennial Rye Grass...	" .25	" 22	4.00
Italian Rye Grass.....	" .25	" 18	4.00
Timothy, best quality.....	" .20	" about	3.00
Hungarian Grass	" .20	" "	2.00
German or Southern Millet Grass, "	.20	" "	2.50
Couch Grass (Triticum Repens). A variety suitable for Railroad Banks, or for the banks along streams, to prevent them from washing out.....	Per qt. 25 cts.	Per bush.	4.00
Sweet-Scented Vernal Grass.....		Per lb.	75
White Dutch Clover.....		"	50
Alsike, or Hybrid Clover.....		"	50
Lucerne (Alfalfa), or French Clover.....		"	50
Red Clover, best quality.....	Per bush. about \$9.00	"	20

CORN—Field Varieties.

COMPTON'S EARLY YELLOW.—A new yellow flint variety, in which is extreme earliness and great productiveness combined, producing from 150 to 180 bushels per acre, and ripening in 76 days.

Stalks grow from 8 to 10 feet high, producing from 2 to 5 ears per stalk. The ears are from 10 to 18 inches long, well filled to the end; kernel medium, bright yellow, and on the flinty order.

One of our customers from Conn. wrote us that $4\frac{1}{2}$ qts. produced him 130 bushels of shelled Corn, by only ordinary culture. We have heard from others, as well as our own experience, that it is very early and productive, but will not do for the South, being only adapted for the North.

	Per 100 ears.	Per bush.	Per qt.
Compton's Early Yellow.....	\$5.00	\$5.00	.50
Early Yellow Canada	3.00	3.00	.20
Early Large White Flint.....	3.00	3.00	.20
Pennsylvania, Large Yellow.....	3.00	3.00	.20
Golden Dent Gourd Seed.....	3.00	3.00	.20
Pop Corn. For parching.....	1.50	per doz. ears.	.25

BROOM CORN, IMPROVED EVERGREEN.—Grows about 7 ft. high, brush fine and straight, and always of a green appearance when ripe; it brings the highest price. Per bush., \$4; per qt., 25 cts.

BROOM CORN, CALIFORNIA GOLDEN.—Grows about 12 feet high, brush very straight, and never gets crooked; often 36 inches in length. Per bush., \$5; per qt., 40 cts.

BROOM CORN, DWARF.—Grows about 4 ft. high, fine brush for making whisks. Per bush., \$4; per qt., 25 cts.

AGRICULTURAL AND MISCELLANEOUS SEEDS.

Eucalyptus Globulus, or Australian Fever Gum Tree. This wonderful tree is now extensively planted in our Southern States and California. Per lb., \$12.00; per oz., \$1.00; per packet, 25 cts.

Jute Seed (*Corchorus Textilis*). Grown for its fibre. Per lb., \$3.00; per oz., 30 cts.

Pear Seed, best imported..... Per lb. \$2.00

Honey Locust, for Hedges, etc..... " 1.00

Yellow Locust..... " 1.00

Apple Seed..... Per bush. \$8.00 " .50

Osage Orange, for Hedges..... Per bush. \$10.00 " .75

Magnolia Grandiflora..... Per oz. .50 " 5.00

Magnolia Glauca..... " .25 " 2.50

Sunflower, Mammoth Russian..... " .10 " .75

Sunflower, Large Common..... " .10 " .50

Celery Seed, for flavoring Soups, Sauces, etc.... " .10 " .75

Castor Oil Bean..... " .15 " 1.50

Opium Poppy (white seed)..... " .15 " 1.50

Tobacco, best Havana..... " .75 " 8.00

Tobacco, Virginia..... " .50 " 5.00

Tobacco, Connecticut Seed Leaf..... " .30 " 3.00

Chinese Sugar Cane..... Per bush. \$5.00 Per qt. .30

Flax Seed..... " 4.00 " .25

Buckwheat, common..... " 2.00 " .20

Buckwheat, *Silver Hull*. An improvement over the common, earlier, yields nearly double, the flour whiter, and more nutritious..... Per bu. \$2.50; per qt. .25

Wheat, *Rye*, varieties..... } At market rates, prices and names

Oats, *Barley*, "..... } of varieties sent on application.

BIRD SEEDS, ETC.

Canary, best Sicily, for Canaries..... Per bush., \$5.00 Per qt. \$.20

Mixed Bird Seed, for Canaries..... " 5.00 " .20

Hemp, Russian, for Canaries, Parrots, etc., " 4.00 " .20

Millet, for Canaries and Sparrows..... " 2.50 " .20

Rape, English, for Canaries, Linnets, etc. " 6.00 " .25

Rough Rice, unhulled, for Java Sparrows. " 5.00 " .25

Bird Sand, white..... " 1.00 " .05

Maw, for young and sick birds during moulting. Per oz. .10 Per lb. .50

Bird Lettuce, " " " " Per oz. .10 " 1.00

Cuttle-Fish Bone..... Each, .05 " 1.00

Mocking Bird Food (prepared)..... Per bottle .50

NEW AND IMPROVED VARIETIES OF POTATOES.

At these prices, *express* and *freight* charges to be paid by the purchaser, except where mentioned by mail, prepaid.

RUBY. A new red, kidney-shaped hybrid, of the *Early Rose* and *White Peachblow*. Resembling the *Early Rose*, tubers medium, oblong, eyes slightly sunken and carmine, flesh white, fine-grained, firm, and excellent flavor, maturing as early as the *Early Rose*; enormously productive, 33 bushels having been grown from one pound of potatoes. Three lbs., \$1.50, by mail, prepaid; per peck, \$1.50; per bush., \$4; per barrel, \$8.

ALPIA. The earliest variety, of dwarf habit, adapted for garden culture or forcing under glass; fit for the table 10 to 15 days before the *Early Rose*. Tubers medium size, oblong; eyes slightly depressed; color white, with a slight tinge about the eyes; flesh white, fine-grained, dry and firm; in every respect of first quality. Three lbs., \$1.50 by mail, prepaid; per peck, \$1.50; per bush., \$4; per bbl., \$8.

SNOW-FLAKE. One of the earliest; of uniform medium size, eyes few, flesh snow-white, when boiled of a lightness and porosity almost approaching a snow-flake, of excellent quality. Three lbs., \$1.25, by mail, prepaid; per peck, \$1.00; per bush., \$2.50; per bbl., \$6.00.

BROWNELL'S BEAUTY. Size medium to large, fine quality, remarkably productive, and good keeping qualities. Three lbs., \$1.25, by mail, prepaid; per peck, 75 cts.; per bush., \$2.00; per bbl., \$5.00.

EXTRA EARLY VERMONT. Large size, earlier than the Rose. Of fine quality and abundant yield. Three lbs., \$1.25, by mail, prepaid; per peck, 75 cts.; per bush., \$2.00; per bbl., \$5.00.

	Per peck.	Per bush.	Per bbl.
KING OF THE EARLIES. Very productive, 75 cts.	\$2.00	\$5.00	
EARLY ROSE. A favorite variety.....	75	1.75	4.50
EARLY GOODRICH. A good early variety..	75	1.75	4.50
BREESE'S PEERLESS. Very productive, late,	75	1.50	4.00
WHITE PEACHBLOW. Late, first-rate.....	75	1.75	4.50

As the prices of Potatoes are governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring. Special quotations, as well as other varieties, will be given on application.

ESCULENT PLANTS, ROOTS, ETC.—(Furnished in their Season.)

Winter Cabbage Plants are recommended for early planting, being hardened, stand the cold; deliverable until April 15th. For large quantities, as well as any of the following, special prices will be given.

	Per 100.	Per 1,000.
ASPARAGUS ROOTS, Conover's Colossal, 2 years old,	\$1.25	\$6.00
Large Green, 2 years old.....	1.00	5.00

\$1.00 per hundred additional if sent by mail.

CABBAGE PLANTS, Large Early York, Wakefield, Oxheart, and Winnigstadt, wintered in frames, each,	1.00	6.00
Spring Plants, grown in Hot-beds, of above varieties,	.50	3.00
Large Late Drumhead, Flat Dutch, Savoy, and Red Dutch, ready in June and July.....each,	.50	3.00
CELERY, Dreer's White Solid, Dwarf White, and Boston Market, ready in July.....each,	.75	5.00
SWEET POTATO PLANTS, ready in May.....	.50	3.00
HORSERADISH SETS	1.00	5.00

On the above, 50 cts. per 100 additional if sent by mail.

OSAGE ORANGE, 1 year old, per 1,000, \$5.00; 2 years,	1.00	7.00
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	Per doz.	Per 100.
CAULIFLOWER, Best Early Wintered Plants.....	\$.50	\$3.00
Hot-bed Plants.....	.30	2.00

EGG-PLANTS, Grown in Pots.....	1.00	6.00
Out of Hot-beds.....	.60	4.00

LETTUCE PLANTS, Hanson and Dutch Butter.. each,	.15	.50
PEPPER PLANTS, Large Sweet Bell or Mountain.....	.30	2.00

TOMATO PLANTS, Trophy, Feejee, Arlington, Early Conqueror, and Excelsior.....each,	.30	2.00
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TARRAGON ROOTS, for flavoring.....	3.00	
RHUBARB ROOTS, Linnæus and Victoria.....	2.00	10.00

HOP-VINE ROOTS50	2.50
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GARLIC SETS, English.....	Per lb.	.50
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ONION SETS, Best Phila. White, per. qt., 25. Yellow, Per qt.		.20
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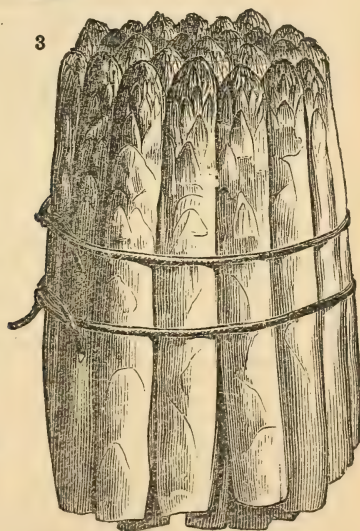
TREE OR TOP ONION SETS	"	.20
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POTATO ONION	"	.20
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SHALLOTS	"	.25
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Onion Sets, 25 cts. per qt. additional if sent by mail.

* * * The above prices do not include postage, except where noted.



1. SNOW-FLAKE POTATOE.
2. LINNÆUS RHUBARB.

3. CONOVER'S COLOSSAL ASPARAGUS.

For Varieties, see pages 37 and 38.

FARMER'S, GARDENER'S, FLORIST'S AND NURSERYMAN'S PRICE LIST,

Of the leading varieties with prices by the quantity, not sold at these prices in less quantities than one-quarter pound or one-quarter bushel. In less quantities the ounce and quart prices will be charged.

	Per lb.	Per oz.
ASPARAGUS, Large Green.....	\$0 60	10
Conover's Colossal.....	75	10
	Per bush.	Per qt.
BEANS (Bush), Early Mohawk.....	5 00	30
Early Yellow Six-weeks.....	5 00	30
Early China Red Eye.....	5 00	25
Early black-seed Wax (true).....	8 00	40
Early white-seed Wax.....	8 00	40
Early Newington Wonder.....	5 00	25
Red Speckled Valentine (selected stock).....	5 50	30
Early White seed Valentine.....	8 00	40
Refugee (Brown Valentine).....	5 00	25
White Kidney.....	5 00	25
White Marrow.....	5 00	25
Early Mazagan.....	8 00	40
Broad Windsor.....	8 00	40
BEANS (Pole), Large Lima.....	8 00	50
Horticultural or Wren's Egg.....	8 00	40
German Black-seed Wax, White-seed Wax,..... each	10 00	40
Giant Wax (Red-seed).....	12 00	50
Scarlet Runners.....	10 00	50
White Dutch Runners and Case Knife..... each	10 00	40
	Per lb.	Per oz.
BEET, Bastian's Extra Early Red Turnip.....	1 25	15
Early Egyptian Blood Turnip.....	1 25	15
Simon's Extra Early Red Turnip.....	1 00	10
Extra Early Bassano.....	1 00	10
Extra Dark Blood Turnip.....	1 00	10
Bastian's Half-long Blood.....	1 25	15
Long Blood.....	1 00	10
Sugar, White Silesian.....	60	10
Mangel-Wurzel, Long Red.....	65	10
Mangel-Wurzel, Red and Yellow Globe..... each	75	10
BORECOLE OR KALE, Green Curled Scotch.....	1 00	10
Dwarf German, Green Curled.....	1 25	10
BRUSSELS SPROUTS, Improved Dwarf.....	2 00	20
CABBAGE, Early York.....	2 00	20
Dreer's Large Early York (extra).....	3 00	25
Early Sugar Loaf.....	2 00	20
Early French Oxheart (extra).....	3 00	30
Early Jersey Wakefield (extra).....	5 00	50
Early Winnigstadt or Cone.....	3 00	30
Early Flat Brunswick.....	4 00	40
Magdeburg Flat Dutch.....	3 00	30
Simon's Early Drumhead.....	4 00	40
Red Drumhead, for pickling.....	4 00	40
Red Dutch, for pickling.....	3 00	30
Large Late Drumhead (extra).....	3 00	30
Large Flat Dutch (extra).....	3 00	30
Early Dwarf Elm Savoy.....	2 50	25

CABBAGE—Continued.			Per lb.	Per oz.
Green Curled Savoy.....			2 00	20
Drumhead Savoy.....			2 00	20
Drumhead Savoy—American.....			4 00	40
CARROT, Early Scarlet Short-horn, for forcing.....			1 50	15
Early Scarlet Horn.....			1 25	15
Half-Long Scarlet.....			1 25	15
Long Orange, extra fine—American.....			1 25	10
Altringham, Long Red.....			1 25	10
Long White Belgian.....			1 00	10
CAULIFLOWER, Early London.....			10 00	75
Early Dwarf Erfurt.....			20 00	1 50
Large Walcheren.....			10 00	75
Large Lenormands Short-stem.....			20 00	1 50
CELERY, Dreer's White Solid (extra).....			4 00	40
Seymour's White Solid.....			3 00	30
Dwarf White Solid.....			2 50	25
Boston Market, Dwarf.....			4 00	40
Coles' Defiance Red.....			2 50	25
Celeriac or Turnip-rooted.....			2 50	20
For Flavoring.....			75	10
CHICORY, Large rooted.....			1 25	10
COLLARD'S True Southern.....			2 00	20
CORN SALAD, Large Seeded.....			1 00	10
CORN, GARDEN VARIETIES.	Per ear.	Per bush.	Per qt.	
Adams' Extra Early.....	.05	4 00	20	
Early Narragansett Sugar.....	.05	5 00	30	
Crosby's Extra Early Sugar (extra).....	.05	5 00	25	
Black Mexican Sweet.....	.05	5 00	30	
Stowell's Evergreen Sugar.....	.05	5 00	20	
Large Sweet or Mammoth.....	.05	5 00	20	
CORN, FIELD VARIETIES.	Per ear.	Per 100 ears.	Per bush.	Per qt.
Early White Flint, Eight-rowed.....	.05	\$3 00	3 00	20
Early Canada, Eight-rowed, Yellow..	.05	3 00	3 00	20
Pennsylvania, Large Yellow.....	.05	3 00	3 00	20
Golden Dent Gourd Seed.....	.05	3 00	3 00	20
			Per lb.	Per oz.
CRESS, Curled, or Pepper-grass.....			75	10
CUCUMBER, Early Russian.....			1 50	15
Early Frame.....			1 25	10
White-Spined.....			1 25	10
Long Green, for pickling.....			1 50	15
Green Prolific, for pickling.....			2 00	20
Gherkin or Burr, West India Pickle.....			2 50	25
EGG-PLANT, New York Improved Large Purple.....			8 00	60
ENDIVE, Green Curled.....			2 00	20
Ever White Curled (self-blanching).....			4 00	40
White Curled.....			2 50	25
Broad-Leaved.....			2 50	25
KOHL-RABI, Late White.....			2 00	20
Late Blue.....			2 00	20
Early White Vienna.....			4 00	30
Early Blue Vienna.....			4 00	30
LEEK, Large London Flag.....			2 50	25
Large Rouen.....			3 00	30
Large Musselburg.....			4 00	40
LETTUCE, Early Curled Silesia.....			2 00	20
Early Boston Curled.....			3 00	30
Early Stone-head.....			2 50	25

LETTUCE—*Continued.*

	Per lb.	Per oz.
Early Simpson.....	2 50	25
Early Tennis-ball.....	2 50	25
Early Cabbage or White Butter-head.....	3 00	30
Dutch Butter (spotted) fine for forcing.....	3 00	30
Royal Cabbage or Drumhead.....	2 50	25
Perpignan—stands the heat well.....	3 00	30
Brown Dutch, or Butter.....	3 00	30
White Coss.....	3 00	30
Paris Green Coss.....	3 00	30
MUSK-MELON, Early Jenny Lind.....	1 00	10
Netted Citron.....	1 00	10
Netted Pine-Apple.....	1 00	10
Turk's Cap (extra).....	1 00	10
Hackensack.....	1 50	15
Casaba (very fine).....	1 50	15
Ward's Nectar.....	1 50	15
White Japan.....	1 50	15
WATER-MELON, Mountain Sweet.....	1 00	10
Mountain Sprout.....	1 00	10
Black Spanish.....	1 25	15
Orange (true).....	1 50	15
Ice Cream (white-seeded).....	1 50	15
Black Italian.....	1 00	10
Gypsy.....	1 00	10
NASTURTIUM, OR INDIAN CRESS.....	2 00	20
OKRA, Dwarf Long Podded.....	80	10
ONION, Red Wethersfield.....	1 25	15
Early Blood Red.....	1 50	15
Yellow Strasburg.....	} Phila. seed, for sets, as Eastern grown seed will not produce sets.....	2 00
Yellow Danvers.....		2 00
White or Silver Skin.....		2 50
	Per bush.	Per qt.
Sets, White, prices variable..... about	4 00	25
Sets, Yellow, prices variable..... “	3 00	20
	Per lb.	Per oz.
PARSNIP, Large Sugar or Hollow-crown.....	80	10
PARSLEY, Double Curled.....	1 00	10
Extra Curled Dwarf.....	1 25	15
Champion Moss.....	1 25	15
	Per bush.	Per qt.
PEAS, Dreer's Extra Early (the earliest).....	8 00	40
Philadelphia Extra Early.....	7 00	30
Carter's First Crop.....	7 00	30
Blue Peter, Early.....	10 00	50
Early Tom Thumb.....	9 00	40
Early Daniel O'Rourke.....	6 00	25
Carter's Extra Early Premium Gem, Wrinkled.....	12 00	50
Laxton's Alpha, Early, Wrinkled.....	10 00	40
Laxton's William the First, Wrinkled.....	10 00	40
M'Lean's Little Gem, Wrinkled.....	8 00	40
M'Lean's Advancer, Wrinkled.....	8 00	40
Eugenie, Wrinkled.....	8 00	40
Champion of England, Wrinkled.....	6 00	30
Dwarf Blue Imperial.....	6 00	25
White Marrowfat.....	4 00	20
Black-eye Marrowfat.....	3 50	20
Dwarf French Wrinkled Sugar.....	12 00	50
Dwarf Sugar.....	12 00	50

	Per lb.	Per oz.
PEPPER, Large Sweet Bell or Mountain, mild.....	3 00	30
Tomato-shaped, hot.....	3 00	30
POTATOES, for varieties and prices see pages 37 and 38.		
PUMPKIN, Cashaw (Long Yellow Crook-neck).....	1 00	10
Large Cheese.....	75	10
Large Yellow Field..... Per bush. \$5 00	25	05
RADISH, Early Scarlet Olive-shape.....	1 00	10
Early White Olive-shape.....	1 00	10
Early Scarlet Turnip-rooted.....	1 00	10
Early White Turnip-rooted.....	1 00	10
Early Long Scarlet Short-top.....	75	10
Long Salmon Short-top.....	1 00	10
Early French Breakfast Scarlet, White-tipped... ..	1 25	10
Long White Summer or Naples.....	1 00	10
Large Turnip Yellow Summer.....	1 00	10
Large Turnip White Summer.....	1 00	10
Black Spanish Long Winter.....	1 00	10
Black Spanish Round Winter.....	1 00	10
White Spanish Winter.....	1 00	10
Scarlet China Winter.....	1 50	15
White China Winter.....	1 50	15
California White Winter.....	2 00	20
SALSIFY or Oyster Plant—American.....	2 00	25
Salsify or Oyster Plant—Imported.....	2 50	25
SPINACH, Round-leaved Savoy—American.....	75	10
Round-leaved Savoy—Imported.....	60	10
Large-leaved Flanders.....	60	10
Prickly-seeded.....	60	10
SQUASH, Early White bush or Patty-pan.....	1 00	10
Early Golden Bush.....	1 00	10
Long Green Summer Crook-neck.....	1 25	15
Boston Marrow.....	1 25	15
Hubbard.....	1 25	15
Marblehead.....	1 50	15
Butman.....	1 50	15
TOMATO, Extra Early Red.....	3 00	25
Arlington.....	4 00	40
Cook's Favorite.....	3 00	30
Trophy.....	5 00	50
Feejee, Improved.....	3 50	30
Tilden.....	3 00	30
Large Smooth Red.....	3 00	20
Philadelphia Market.....	3 00	30
TURNIP, Early White Flat Dutch (Strap-leaved).....	75	10
Red or Purple-top Flat (Strap-leaved).....	75	10
Teltow or Marrow, fine table variety.....	75	10
Early Nimble six-weeks.....	75	10
Pomeranian Globe.....	75	10
Long White French, superior.....	75	10
Long White Cow-horn.....	75	10
White Norfolk or Globe.....	75	10
Robertson's Golden-ball or Orange Jelly.....	1 00	10
Yellow Aberdeen or Scotch.....	75	10
Purple-top Swedish or Ruta-baga.....	1 00	10
Golden Globe Ruta-baga.....	1 00	10

* * * All the Seeds on the *Farmer's, Gardener's, Florist's and Nurseryman's Price List*, when ordered to be sent by *Mail*, are free of postage, except Beans, Corn, Peas, which require 30 cts., and Onion Sets 25 cts. per qt.; also Field Pumpkin, 16 cts. per lb. additional to prepay postage.

FLOWER GARDEN.

ALTHOUGH to the mere economist flowers are not indispensable or directly remunerative, yet they have become so to the civilized, intelligent and intellectual community in which we live. The most humble cottager, unless deficient in the most simple conceptions of beauty, must have his flower-pot and one or more varieties of flowers. The enthusiastic amateur is no longer content to receive his floricultural novelties at second-hand, but must have them direct from the great European centres of Horticulture. We have latterly endeavored to render this necessity of the amateur importing a few seeds or plants unnecessary, by constant attention to obtain every highly recommended novelty. We shall continue to do this, and shall endeavor to have, at the earliest day, every valuable acquisition in seeds, bulbs or plants.

Little pains is taken to have the soil of the flower-beds and borders in a friable and active state, not subject to bake. This is what renders it so difficult for small flower-seeds to survive germination, and for the delicate transplanted annuals to make a start. All that the flower-border or beds require is a dry bottom, with an annual supply of prepared compost, made up of barn-yard manure, leaf-mould, or decayed leaves from the woods, and such other refuse as may appear suitable to enrich the heap. With different soils, special applications will be necessary, as stated under the head of Vegetable Garden, see page 4. The hot-bed frame as there described will serve for the purpose of the Flower Garden.—The only additional requisites are flower-pruning seissors, stakes and trellises for tying up plants, labels and flower-pots.

THE LAWN, which adds so much to the neatness of the Garden, may be extensive or limited in size, but should always be well prepared and neatly kept, which can so readily be done with the *Philadelphia Lawn Mowers*; for sizes and prices, see page 111. Much of the beauty of the lawn is also due to the variety of grass seed sown. The usual practice has been to employ a mixture of several species, which is prepared for sale. Our Lawn Grass mixture consists of six varieties, viz.: Sweet Vernal, Green Grass, Blue Grass, Herd Grass, Perennial Rye Grass, and White Clover. From two to three bushels is the quantity generally sown to the acre, but the latter quantity is preferred. Persons who prefer a different mixture can have it made up to order.

The Flower-beds may be cut out in the lawn, and in these bedding plants from the green-house planted, as soon as the weather becomes suitable and no further danger of frost; also, choice annuals sown. The following brief directions will be found reliable.

For full directions how to prepare and seed a lawn, see page 35.

DIRECTIONS FOR THE SOWING AND MANAGEMENT OF FLOWER SEEDS.

Provided the soil is in a proper state, flower seeds may be sown in the open border, in the months of April and May; the best criterion is the state of the soil. The seeds should be sown as soon as the soil becomes dry and friable, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds, to be transplanted to the garden. The former is the more simple method, but not always satisfactory, as, during the interval between the sowing of the seed and the period of blooming, the ground occupied is not attractive. The most satisfactory way is to sow all fine seeds under glass, in a frame, or in the house, as the changes of climate, heavy rains and drying winds, with a hot sun, render the surface of the soil unfit for the germination of small seed. As to the depth to which seeds should be covered, the best general rule is to cover fine and light seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies altogether in the bad management of the cultivator.

The period of sowing has also much to do with the success or failure; as a rule, we find the winter months, even with all the appliances a skilful gardener can give, the most unsatisfactory, two notable instances of which came under our own observation recently. Being desirous of raising a stock of plants of the *Wigandia Caracasana* during the winter for our spring sales, we made repeated sowings, but failed in every instance; the same seed sown in mid-summer produced a plentiful crop of plants. Apple Geranium seed sown in the fall furnished but a few plants, while seeds that dropped from the seed plants in June lay until the next summer on the benches before they germinate, subject to the heat and watering necessary to the plants placed thereon. Other gardeners have related the same experience, where they found the plants growing beautifully on the compost heap after being thrown out of the seed-pans after waiting patiently several months.

For sowing in pots, or seed-pans, the best soil is a mixture of equal parts of sand, leaf-mould, and loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots or pans within one-half inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely before sowing the seeds, and after they are sown and covered slightly with fine soil, again carefully watered, to settle the soil down to a uniform surface, using a fine rose on the watering pot. We would recommend the *French Watering Pot*, see page 114.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, often leads to the eventual loss of the whole. As soon as the plants appear, they will require your careful attention, as the least over-watering may cause them to "damp off," and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant, some air may be admitted. As soon as the plants are large enough to handle, pick them out of the seed-pot; in other words transplant them into another pot, placing them about one inch apart; they must be shaded for a few days from the sun, until they are established. When large enough, they can be planted separately into small pots, and kept thus until the proper season for planting out in the garden.

Seeds of hard shell can be made to sprout more readily, by soaking in camphorated water over night.

ANNUALS are such that arrive to perfection, bloom, produce seed, and die the first season.

HARDY ANNUALS can be sown in the borders from April to June.

HALF-HARDY and TENDER ANNUALS can be sown in March and April in shallow boxes, and placed on a hot-bed; when large enough plant in a cool frame near the glass to harden. Transplant in the borders in May, or the seed can be sown in the open ground in May and June.

Many annuals are very desirable for the green-house for winter blooming, and must be sown in July or August. Of these the most important are Browallia, Candytuft, German Stocks, Kenilworth Ivy, Lobelia, Mignonette, Schizanthus, Sweet Alyssum, Tropæolum. Many varieties, as well as the above, may be sown in the fall and winter for blooming early in the spring, such as *Acroclinium roseum*, *Ageratum*, *Antirrhinum*, Apple-scented Geranium, China Pink, *Dianthus*, *Heddegegi*, *Laciniatus* and *Diadematus*, *Linum grandiflorum*, *Mimulus*, *Myosotis*, Pansy, *Petunias*, *Phlox Drummondii*, *Salpiglossis*, *Salvia*, *Verbena*, *Vinca rosea*, and others.

BIENNIALS are those that last two seasons; however some of the varieties bloom the first year, and remain over winter, flowering again the second year and then die, having fulfilled their mission; a slight protection of leaves or coarse manure will be found beneficial.

For summer and autumn flowering the seed should be sown in March and April, and treated the same as half-hardy annuals for those varieties blooming the first season.

Hardy kinds can be sown from April to September in the open border, and transplanted where they are intended to bloom the following year.

The following are among the most desirable: Canterbury Bell, Foxglove, Hollyhock, Larkspur, Pinks, Sweet William, Wall-flower.

PERENNIALS do not flower until the second year, and the hardy varieties remain in the ground from year to year, and improve by age, in forming large clumps or bushes, which are covered with their attractive flowers. They should be planted in borders or beds where they are intended to remain.

The seed may be sown early in the spring with Annuals, or later in the summer in a cool and partially shaded situation, and when large enough transplant where wanted.

All the varieties not mentioned in our list are hardy annuals.

CLIMBERS, for garden-decoration, should be sown in February and March, the earlier the better, as the display for the after season will be in proportion to their early vigor for planting out; such as *Cobæa*, *Eccremocarpus*, *Lophospermum*, *Maurandia*, *Thunbergia*, and *Tropæolum*.

CLEMATIS species amongst hardy shrubs, and PENTSTEMON amongst herbaceous plants, also Verbena, are prominent instances of seeds which remain long dormant, often a whole year, before they grow.

The germination of many hard seeds of strong body throughout, either green-house, or hot-house species, which are impervious to moisture, is greatly accelerated by pouring hot water over them, in a dish or cup, and remain thus until the following morning, and then sown. Thus treated, the young plants often appear in a few weeks, but without such a preparation they are often many months. The varieties of *Acacia*, *Erythrina* and *Canna* are the most prominent of this class.

CALCEOLARIA.—As this very desirable flower requires a little special care, the following method should be adopted: The seed should be sown in the latter part of August, or beginning of September, in pots prepared in the following manner: the pot to be half-filled with drainage, over that the rough sifting of the mould, and the surface covered

with soil as fine as possible, half of which should be composed of river sand. When prepared thus it should be watered with a fine rose, immediately after which sow the seed carefully, without any covering of soil. The pots should then be placed under a close frame or hand-glass, in a shady part of the garden, no artificial heat being required. In large establishments, of course, there are propagating or other houses that will do, where the same kind of moist temperature could be obtained, but any exposure to the sun must be carefully guarded against by mats or paper. If the situation be of the proper temperature, they will require watering but very seldom. As soon as the seedlings are strong enough, they must be picked off in pots prepared as before, and placed in the same situation; from the store pots they will require to be potted off singly; after this the plants will grow very rapidly. Through the winter the plant will thrive well on the shelves near the glass, in the greenhouse; and, to obtain fine specimens, they must be shifted on freely till the flower-stalks have started, and should always be smoked with tobacco, as soon as the green-fly appears, as no plants in cultivation so readily suffer from this insect as the *Calceolaria*.

It is necessary to remark that one of the most frequent causes of the appearance of these injurious insects is the plant becoming *root-bound*; to avoid which evil, it is important that it should frequently be re-potted during the growing season.

CINERARIA and *PRIMULA SINENSIS* are more hardy in their growth, and require somewhat less care, than the above, but for them the same treatment will suit in sowing of seed, etc.; only that the seeds being larger they can be slightly covered with fine sandy soil. If required to flower in the winter, seed should be sown in April and May, and in the following months for spring flowering.

It should be borne in mind that much of the disappointment that occurs in the sowing of Flower Seeds may be obviated by attention to the foregoing hints.

FLOWER SEEDS BY MAIL.

Their portability renders them so easily transported by mail, that we send all *Flower Seeds* in packets, assortments or by the ounce, free of postage, upon the receipt of a remittance at the prices annexed, so that no person with any taste in Floriculture need be without a choice selection. For the accommodation of those who are unacquainted with the varieties, we have put up the following assortments of desirable free-blooming and showy kinds.

No. 1. Twelve annuals, free-bloomers.....	\$.50
" 2. Twenty-five annuals, free-bloomers.....	1.00
" 3. Twenty biennial and perennial varieties.....	1.00
" 4. Twelve very choice annual varieties.....	1.00
" 5. Twelve new and rare varieties.....	2.00
" 6. One hundred varieties annual, biennial, and perennial, including many choice sorts, a fine selection.....	5.00

As an inducement to *POSTMASTERS AND OTHERS* forming Clubs, we will forward six One-Dollar packages for a remittance of Five Dollars. At these prices, invariably our own selection.

As a further inducement we offer the following liberal premium on *Flower Seeds* ordered in **PACKETS ONLY**:

For \$1.00, Flower Seeds can be selected to the amount of \$1.10	
" 2.00, " " " " "	2.25
" 3.00, " " " " "	3.50
" 4.00, " " " " "	4.75
" 5.00, " " " " "	6.00
" 10.00, " " " " "	12.50

Correspondents will please write their names legibly, and in full, with post-office, county, and State.

For Flower Seeds in assortments, see page 94.

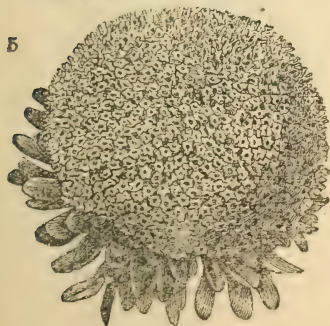
A SELECT
DESCRIPTIVE LIST OF
CHOICE FLOWER SEEDS,

Worthy of special attention, embracing Annuals, Biennials and Perennials.

Seeds of Climbers, Ornamental Foliage Plants, Everlasting Flowers, Ornamental Grasses, Green-house Plants, Assortments, Annuals by weight, and Novelties for 1878, will be found under their respective heads.

	Per packet.
ABRONIA UMBELLATA. Trailing plants, producing clusters of sweet-scented rosy lilac blossoms, resembling the Verbena, blooming a long time; effective in beds, rock work, or hanging-baskets; peel off the husk before sowing the seed; half-hardy...	10
ADONIS ÆSTIVALIS (<i>Flos Adonis</i> , also known as Pheasant's Eye). Handsome foliage; pretty, dark crimson flowers; height 1 ft.....	5
AGERATUM. Valuable plants for large beds or borders, and very useful where cut flowers are in demand; in bloom the whole summer, also good for winter blooming in pots, succeeding in any soil; half-hardy; 1 to 2 ft.	
ALBIFLORUM. White-flowered.....	5
MEXICANUM. Lavender blue.....	5
IMPERIAL. Dwarf, with fine large heads of blue flowers.....	10
WHITE TOM THUMB. Dwarf, white, with a pale-blue shade.....	10
LASSEAUXI. This beautiful rose-colored species from Buenos Ayres is of perennial duration, but flowers the first season in the open border, and requires the protection of a Green-house or Conservatory in the winter.....	10
AGROSTEMMA CELI-ROSEA (<i>Rose of Heaven</i>). An attractive free-flowering hardy perennial, producing flowers on long slender stems like a single pink; blooms first season; mixed rose and white; 1 ft.....	5
ALONSOA. Free-flowering bedding plants, continuing in bloom until killed by frost; also good house-plants; half-hardy; 18 in.	
WARSCIEWICZI. Bright crimson flowers.....	5
GRANDIFLORA. Large flowering; bright scarlet.....	5
ALYSSUM. Free flowering; pretty little plants for beds, edgings, or rock work; the annual varieties bloom all summer, also grown in pots for winter flowering.	
SWEET. White, very sweet; 6 in.....	5
WIERZBECKI. White and yellow; hardy perennial; blooms the first season.....	5
SAXATILE COMPACTUM. Showy golden yellow flowers; hardy perennial, for spring-bedding and rock work; 1½ ft.....	10
AMARANTHUS. Are showy blooming plants, with their long racemes of curious flowers; half-hardy. Foliage var., see p. 73.	
ATRO-PURPUREUS. Is covered with long drooping spikes of purple flowers; 4 ft.....	5
CAUDATUS (<i>Love lies Bleeding</i>). Long drooping racemes of blood-red flowers; 3 ft.....	5
GIGANTEUS. Large showy crimson flowers.....	5

For New Flower Seeds, see page 89.



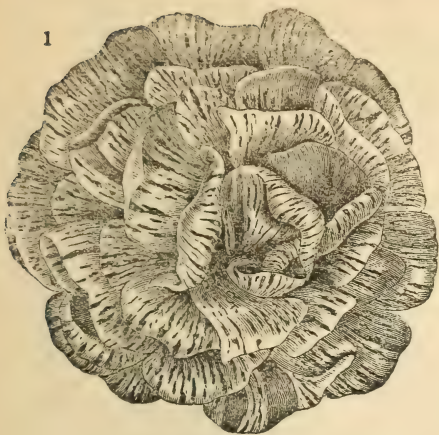
1. AQUILEGIA CŒRULEA.
2. VICTORIA ASTER.
3. DWARF PYRAMIDAL BOUQUET ASTER.

4. PRONY-FLOWERED PERFECTION ASTER.
5. GERMAN QUILLED ASTER.
6. ABRONIA UMBELLATA.

	Per packet.
ANAGALLIS. Dwarf, compact, flowering plants; admirably adapted for ornamental baskets, rock work, edgings, and small beds; succeed best in light, rich soil, in a sunny situation; covered with flowers the whole summer; half-hardy; 6 in.	
EUGENIE. Light blue, shaded with white.....	10
NAPOLÉON III. Rich maroon color.....	10
ANTIRRHINUM (<i>Snap Dragon</i>). One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully marked throats; they succeed in any good garden-soil and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 ft.	
BRILLIANT. Bright scarlet, with white throat.....	5
HENRY IV. White, crimson and scarlet.....	5
FIRE-FLY. Orange and scarlet, with white throat.....	5
DELILA. Carmine, with white throat.....	5
GALATHE. Crimson, with white throat, large flowering.....	5
PAPILIONACEUM. Blood-red, with pure white throat.....	5
CHOICE MIXED. Finest named varieties.....	5
AQUILEGIA (<i>Columbine</i>). Beautiful grotesque and varied-colored flowers, blooming freely in the spring; hardy perennials; 2 ft.	
CARYOPHYLLOIDES. Double, variously colored, carnation striped	10
DOUBLE VARIETIES, mixed.....	10
CERULEA. Very large, violet blue, inner petals pure white.....	10
SINGLE VARIETIES, mixed.....	5
ASTER (<i>Queen Margaret</i>). One of the most popular and effective of our garden favorites, producing in profusion flowers in which richness and variety of colors are combined with the most perfect and beautiful form: it is indispensable in every garden or pleasure-ground where an autumnal display is desired. The French and German florists have brought this flower to great perfection; we offer all the most choice varieties. All the varieties delight in a rich, light soil, and in hot, dry weather should be mulched with rotted manure, and well watered, which will increase their beauty and duration of flowers. For assortments of Asters, see page 95.	
DWARF PYRAMIDAL BOUQUET. A perfect bouquet of flowers, mixed colors.....	10
GLOBE-FLOWERED PYRAMIDAL. Mixed colors.....	10
COCARDEAU, or CROWN. Fine flowers, very double, with white centres, bordered with many bright rich colors.....	10
VICTORIA. Various colors, flowers very double, as large as the Emperor Aster; habit pyramidal.....	10
ROSE-FLOWERED. A beautiful variety, regularly imbricated; robust habit, with various colored large brilliant flowers.....	10
GIANT EMPEROR. Flowers of great size, very double, fine form, brilliant colors. of robust growth.....	10
PEONY-FLOWERED PERFECTION. Very double, large, and finely shaped flowers, of various bright rich colors.....	10
CHRYSANTHEMUM-FLOWERED. A dwarf, very double, late free-blooming variety; mixed colors.....	10
GERMAN QUILLED, WHITE. Double pure white flowers, fine for funeral designs.....	10
GERMAN QUILLED. Perfectly double quilled flowers, of beautiful mixed colors.....	10
SCHILLER. A very fine variety of the Dwarf Bouquet Aster, late, and profuse bloomer.....	10
CHOICE VARIETIES, mixed, all colors.....	10

For Seeds of Climbers, see page 70.

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3



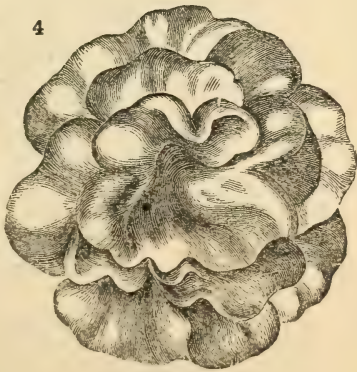
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2



4



1. SOLFERINO BALSAM.

2 & 3. CAMELLIA-FLOWERED BALSAMS

4 & 5. ROSE-FLOWERED BALSAMS.

	Per packet.
BALSAM (<i>Lady Slipper</i>). An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored flowers in the greatest profusion; of easy cultivation; succeeds in a good rich soil, also fine for conservatory decorations; tender; 1 to 2 ft. For assortments of Balsams, see page 95.	
CAMELLIA-FLOWERED. Very double, perfect in form, and beautiful colors, mixed.....	10
ROSE-FLOWERED. Superb double flowers, mixed colors.....	10
THE KING. Brilliant scarlet; imposing in size and color of the flowers; very double.....	10
THE QUEEN. Superb rose-colored; large and beautiful double-formed flowers.....	10
CAMELLIA, FLORE ALBO. Pure white double flowers; fine for bouquets and funeral designs.....	10
SOLFERINO. Satiny white, streaked and spotted with lilac and crimson; very beautiful.....	10
DWARF CARNATION STRIPED. Very double, with flowers striped like a Carnation.....	10
BARTONIA AUREA. Golden, very showy; from California.....	5
BIDENS ATROSANGUINEA. Rich dark crimson, with yellow anthers; beautiful foliage, free-flowering, tender.....	10
BRACHYCOME (<i>Swan River Daisy</i>). Free-flowering dwarf-growing plant, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds; half-hardy; 6 in.	
IBERIDIFOLIA. Light-blue flowers.....	5
ALBIFLORA. A white-flowered variety.....	5
BROWALLIA. Very handsome profuse blooming plants, covered with rich strikingly beautiful flowers during the summer and autumn months; blooms finely in the winter, if sown in August; half-hardy; 1½ ft.	
ELATA CÆRULEA. Sky-blue. ALBA. Pure white.....each	10
GRANDIFLORA. Large sky-blue.....	10
CACALIA (<i>Tassel Flower or Paint Brush</i>). A neat annual of easy culture, with tassel-shaped flowers, blooms from July to September; fine for borders; half-hardy; mixed golden and scarlet; 1½ ft.....	5
CALANDRINA. Beautiful creeping plants, adapted for rock work or any hot situation; require a light rich soil; mixed varieties; 1 ft.....	5
CALENDULA PONGEI, FLORE-PLENO. Showy double white flowers, a hybrid marigold; 1 ft.....	10
CALLIRHOE PEDATA (<i>Nuttalia</i>). Free-flowering plants, commence blooming when small and continue until late in the fall; fine for bedding or massing; rich violet purple close petalled flowers, with white centre; 2 ft.....	5
VERTICILLATA. An extremely floriferous creeper, with large rich crimson purple flowers.....	10
CALLIOPSIS, or COREOPSIS. Showy and useful free-flowering plants; the tall varieties are very effective in mixed borders, while the dwarf, from their close, compact habit of growth, make fine bedding plants; of easy cultivation.	
CARDAMINÆFOLIA HYBRIDA. Bright yellow, of compact pyramidal growth; 2 ft.....	5
DRUMMONDI. Large yellow, with crimson centre; 1 ft.....	5
MARMORATA. Crimson brown, marbled with yellow; 2 ft.....	5
NIGRA SPECIOSA. Rich velvety crimson; 2 ft.....	5
MIXED VARIETIES; 2 to 3 ft.....	5

For Seeds of Ornamental Foliage Plants, see page 73.



1. CARNATION PINK.
2. CONVULVULUS MINOR DOUBLE.
3. CELOSIA PLUMOSA.

4. DWARF COCKSCOMB.
5. GOLD AND CRIMSON VARIEGATED COCKSCOMB.

	Per packet.
CAMPANULA PYRAMIDALIS. Beautiful and stately hardy perennials; 3 ft.; mixed blue and white.....	5
SPECULUM (<i>Venus' Looking-glass</i>). A free-flowering pretty plant, adapted for beds, ribbons, or edgings; hardy annual; 6 in.; rich blue flowers.....	5
CANDYTUFT (<i>Iberis</i>). A beautiful and most useful plant, for growing in beds, or masses; the white varieties are much grown by florists for bouquets; by frequent sowings they can be had during the winter and summer; 1 ft.	
ROCKET. Pure white. UMBELLATA. Purple.....each	5
CRIMSON. FINE MIXED.....each	5
FRAGRANT. Pure white, pinnated foliage.....	5
UMBELLATA NANA ALBA. Very dwarf, pure white.....	10
CANTERBURY BELL (<i>Campanula Meda</i>). When well grown, are among the most attractive of border plants; they succeed in light rich soil, planted about 2 feet apart; also effective when grown in large pots; hardy perennials; 2½ ft.	
SINGLE. BLUE. WHITE. MIXED.....each	5
DOUBLE. BLUE. WHITE. MIXED.....each	10
CARNATION (<i>Dianthus Caryophyllus</i>). The Carnation Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer has been imported from the best sources in Europe, and will produce splendid double flowers; protect during the winter; half-hardy perennials; 1½ ft.	
FINEST GERMAN. Mixed, saved from fine named flowers.....	50
FINEST FRENCH. Rose-leaved; mixed; saved from splendid named varieties.....	50
REMONTANT, PERPETUAL or TREE. Mixed; saved from choice double flowers.....	50
FINE DOUBLE. Mixed varieties.....	25
CATCHFLY (<i>Silene Armeria</i>). A free blooming plant; for beds, borders, or ribbons; growing in any garden soil; 1½ ft.	
LOBEL'S RED. WHITE. MIXED.....each	5
CELOSIA. Free-blooming graceful plants, producing spikes of beautiful feathery flowers; grown in pots they are fine for the green-house or conservatory; half-hardy; 3 ft.	
ARGENTEA. Small spikes of white flowers, shaded with bright rose; very fine for drying for Immortelle Bouquets.....	5
SPICATAROSEA. Spikes of bright rose-colored flowers; when dried are fine for winter bouquets.....	5
PYRAMIDALIS AUREA. Spikes of golden flowers.....	5
PLUMOSA. A new feathered variety; very fine; of several colors; mixed. For illustration, see page 53.....	10
CENTAUREA AMERICANA. Lilac purple, large and showy; 2 ft.	5
CENTRANTHUS MACROSIPHON. Pretty, compact growing plant, with long-tubed red flowers, grows freely; 2 ft.....	5
ALBUS. A showy white-flowered variety; 1 ft.....	5
CHRYSANTHEMUM. Showy and effective garden favorites, summer flowering border plants; also good for pot culture; quite distinct from the Indicum, the hardy perennial autumn flowering varieties.	
CHOICE MIXED. Summer flowering varieties; 1 to 2 ft.....	5
INDICUM. Choice mixed large-flowering double varieties; hardy perennial; 3 ft.....	25
INDICUM NANUM. Pompones or Lilliputian varieties; a beautiful hardy perennial; fine for bouquets; mixed; very double; 1 ft..	25
CHLORA GRANDIFLORA. Handsome glossy Cacalia like leaves. large golden flowers changing to red; grows vigorously in the open borders; 1 ft.....	10

For Seeds of Everlasting Flowers, see page 77.



1. DAHLIA, LARGE FLOWERING.
2. CONVULVULUS MINOR STRIPED.
3. CANDYTUFT, CRIMSON

	Per packet.
CLARKIA. An old and favorite plant, growing freely in any garden soil and producing cheerful-looking flowers; 1½ ft.	
SINGLE MIXED VARIETIES.....	5
DOUBLE MIXED VARIETIES.....	5
CLEOME GRANDIFLORA (<i>Spider Plant</i>). Rose-colored flowers..	5
COCKSCOMB (<i>Celosia Cristata</i>). Ornamental, curious-looking flowers; well-known favorites, selected from fine combs for size and brilliant colors; half-hardy; 1 ft.	
VARIEGATED (<i>Gold with Crimson Variegated Cockscomb</i>). Magnificent; heads variegated with crimson, orange, green, shaded and striped; the golden yellow and deep crimson are of the most brilliant hues, the variegation is distinctly marked.....	10
DWARF CRIMSON. Large velvet-like combs.....	10
YELLOW. ROSE. CRIMSON. MIXED.....each	5
COMMELINA CÆLESTIS. A tuberous-rooted, free-blooming and very pretty plant, with rich blue flowers; the roots can be preserved like Dahlias; half-hardy perennial; 1½ ft.....	5
CONVOLVULUS MINOR (<i>Dwarf Morning Glory</i>). Showy, free-flowering, rich colored handsome plants, producing, in beds and mixed borders, an unusually brilliant effect; 1 ft. Mixed..	5
SPLENDENS. Violet, with white centre.....	5
TRICOLOR. Violet purple, with white centre.....	5
WHITE. STRIPED BLUE, striped with white.....each	5
TRICOLOR FLORE-PLENO. Double showy flowers.....	10
CANTABRICUS. Rosy purple, beautiful trailer, for hanging-baskets, or for a bedding plant; hardy perennial.....	10
MAURITANICUS. Beautiful trailer for hanging-baskets and vases, producing numerous blue flowers; half-hardy perennial.....	10
CYANUS (<i>Blue Bottle</i>). Ornamental plants for shrubberies and borders, useful for cut flowers; growing in any garden soil; 1½ ft.; mixed colors.....	5
CYTISUS LABURNUM (<i>Golden Chain</i>). A hardy shrub or tree, with long racemes of golden yellow flowers.....	10
DAISY (<i>Bellis Perennis</i>). A favorite plant for beds or pot-culture; finest double mixed varieties; half-hardy perennial; 3 in.....	20
DAHLIA (<i>Large flowered</i>). Half-hardy perennials; blooming the first year from seed; protect the roots from frost during the winter; saved from fine double varieties; mixed.....	20
SMALL-FLOWERED (<i>Bouquet or Liliputian</i>). Saved from choice double varieties; mixed.....	20
DATURA. An ornamental class of plants; in large clumps and borders of shrubbery they produce an excellent effect; flowering the first year from seed; can be preserved in sand during the winter, in a dry cellar; half-hardy perennials.	
ATROVIOLOCEA PLENISSIMA. Flowers dark violet; 4½ ft.....	10
FASTUOSA HUBERIANA. Superb large double lilac flowers, inner parts almost pure white; 5 ft.....	10
HUMULIS. Large double-drooping flowers, of a rich Nankeen yellow; delightfully fragrant; 2 ft.....	10
WRIGHTII (<i>Meteloides</i>). White, bordered with blue; 2 ft.....	5
DELPHINIUM. One of our most showy and useful plants, producing splendid spikes of flowers in profusion; if sown early, they will bloom the first year from seed; hardy perennials; 2 ft. For annual varieties, see Larkspurs, page 59.	
FORMOSUM. Spikes of brilliant blue flowers.....	10
NUDICAULE. Dwarf compact growth, with abundant loose spikes of dazzling scarlet flowers.....	10
SINENSIS PUMILUM CÆRULEUM. Chinese dwarf, azure blue.....	10

For Seeds of Ornamental Grasses, see page 79.



1. DIANTHUS HEDDEWIGI DIADEMATUS | 2. DELPHINIUM FORMOSUM.
FLORE-PLENO. Double Diadem Pink, | 3. ESCHSCHOLZIA.

	Per packet.
DIANTHUS (<i>Pinks</i>). A magnificent genus, embracing some of the most popular flowers in cultivation, a great variety of colors and profusion of bloom; hardy biennials, blooming the first season from seed; height 1 ft.	
CHINENSIS (<i>China or Indian Pink</i>). Superb extra double varieties, all colors; mixed.....	5
CHINENSIS, FLORE-PLENO ALBO. Double pure white.....	10
IMPERIALIS (<i>Imperial Pink</i>). Double, mixed colors.....	10
IMPERIALIS PLENISSIMUS PICTUS. Double striped varieties.....	10
HEDDEWIGI LACINIATUS STRIATUS, FL. PL. A large double variety; white, elegantly striped and streaked with different shades, varying from rose to dark red.....	20
HEDDEWIGI FLORE-PLENO. Extra double flowers, colors varying from the richest velvety crimson to the most delicate rose, mixed colors.....	10
HEDDEWIGI DIADEMATUS, FL. PL. (<i>Double Diadem Pink</i>). Beautiful flowers from 2 to 3 inches in diameter, regular and closely double; of varied tints of lilac, crimson, purple and black purple, the outer edges fringed and nearly white.....	10
LACINIATUS FLORE-PLENO. Large double showy flowers, in variety of colors, fringed edges.....	10
NANUS ATRO-SANGUINEUS. A dwarf plant, with globular double dark blood-red flowers; a profuse bloomer.....	10
DIGITALIS (<i>Foxglove</i>). Handsome and highly ornamental, hardy perennial plant; of stately growth and varied colors; 3 ft.	
PURPLE, WHITE, YELLOW; MIXED.....each	5
DOLICHOS LABLAB NANA. A new dwarf French Hyacinth-flowered Bean, with purple flowers: tender annual.....	10
ERYSIMUM PEROFFSKIANUM. Showy orange flowers; 1½ ft..	5
ESCHSCHOLTZIA (<i>California Poppy</i>). A profuse flowering and attractive plant for beds or masses; 1 ft.	
CALIFORNICA. Yellow, with orange centre.....	5
CROCEA. Orange color. CROCEA ALBA. Creamy white...each	5
CROCEA-STRATA. Orange, striped with lemon.....	5
DENTATA AURANTIACA. Orange, with a stripe up the centre; edges toothed. MIXED, all colors.....each	5
FEVERFEW (<i>Matricaria</i>). Double white; a fine bedding plant; blooms until frost; hardy perennial; flowers first season; 1½ ft.	10
GAILLARDIA. Splendid bedding plants, remarkable for the profusion and brilliancy of their flowers, continuing in beauty during the summer and autumn; half-hardy; 1½ ft.	
ALBA MARGINATA. Red, edged with white.....	5
PICTA. Red, bordered with orange.....	5
JOSEPHUS. Orange, with red centre. MIXED.....each	5
GAURA LINDHEIMERI. Spikes of white and red tinted blossoms; free-flowering; hardy perennial; 2 ft. ...	10
GILIA. Very pretty dwarf plants, early and free bloomers, valuable for massing and rock work; 1 ft.	
TRICOLOR. White, lilac and purple. MIXED.....each	5
GLADIOLUS. Fine hybrid; mixed; saved from choice named varieties; half-hardy bulbs. See list under head of Summer Flowering Bulbs.....	20
GODETIA. Attractive and deserving of cultivation; profuse flowering plants; 1 ft. THE BRIDE. Pure white, with a crimson belt.	5
FINE MIXED VARIETIES.....	5
GYPSOPHILLA MURALIS. A small plant covered with pink flowers, suitable for hanging-baskets.....	10
PANICULATA. White flowers, beautiful for bouquets, imparting a light airy appearance; hardy perennial.....	10

For Seeds of Green-house Plants, see page 62

Per packet.

HELIANTHUS (<i>Sun Flower</i>). Californicus. Large double brilliant orange-colored flowers; 5 ft.....	5
NANUS. Dwarf double yellow.....	5
For RUSSIAN and COMMON, see page 37.	
HESPERIS MATRONALIS (<i>Sweet Garden Rocket</i>). Early spring profuse blooming plants, growing freely in any soil; hardy perennials; 1½ ft.	
WHITE. PURPLE. MIXED.....each	5
HIBISCUS AFRICANUS. Cream color, brown centre; 1½ ft.....	5
PALUSTRIS. Large pink flowers; hardy perennial.....	5
HOLLYHOCK (<i>Althæa rosea</i>). This splendid plant vies with the Dahlia for summer decorations, and from its stately growth and the varied colors of its magnificent spikes of flowers may justly claim a place in every large garden or pleasure-ground; hardy perennial; 6 ft. For Assortments of Hollyhocks, see page 95 ...	
SUPERB DOUBLE ENGLISH VARIETIES. Mixed colors.....	10
IPOMOPSIS ELEGANS (<i>Standing Cypress</i>). Fine for conservatory or garden decoration; produces long spikes of dazzling scarlet flowers; half-hardy biennial; 3 ft.....	5
FINE MIXED VARIETIES.....	5
LARKSPUR (<i>Delphinium</i>). Plants possessing almost every requisite for the adornment of the garden or parterre. Profuse bloomers. They all succeed best if sown in the autumn, or very early in the spring.	
DOUBLE DWARF ROCKET (<i>Hyacinth-flowered</i>). Mixed; 1 ft.....	5
DOUBLE TALL ROCKET. A showy plant; colors mixed; 2½ ft....	5
DOUBLE DWARF CANDELABRUM-FLOWERED. Shaped like a candelabra; flowering until quite late; mixed colors; 1 ft.....	10
DOUBLE STOCK-FLOWERED (<i>Tall-branching</i>). Large flowers, fine for cutting; finest colors mixed.....	5
IMPERIALE FLORE-PLENO (<i>Emperor Larkspur</i>). Of symmetrical habit; uniform height 1½ ft., by 3½ ft. in circumference; colors brilliant dark blue, tri-color and red-striped.....	10
LILIUM AURATUM (<i>Golden-banded Lily of Japan</i>). The finest and most fragrant of the Lilies; white speckled with reddish brown and bands of gold through the centre of each petal; hardy perennial.....	20
LANCIFOLIUM. Choice mixed; hardy perennial.....	10
LINARIA CYMBALLARIA (<i>Kenilworth Ivy</i>). Small pink flowers, suitable for baskets, vases, pots and rock-work; tender....	10
LINUM GRANDIFLORUM COCCINEUM (<i>Superb Scarlet-flax</i>). One of the most effective and showy bedding plants; brilliant scarlet, with crimson centre, tender annual; 1 ft.....	5
LEWISI. Blue, with white stripes; hardy perennial; 2 ft.....	10
LOBELIAS. The following varieties of this popular plant will be found desirable; for edgings, borders, vases, hanging-baskets, and pot culture, they cannot be surpassed; half-hardy; 6 in..	
ERINUS SPECIOSA. Of compact growth; flowers of a superb ultramarine blue. This variety blooms during the entire summer in the open borders.....	10
ERINUS ERECTA ALBA. Dwarf and compact; a white variety....	10
SNOWFLAKE. A pure white variety of vigorous habit.....	20
PICTA. Rich velvety-veined and netted, ornamental foliage; light rose-colored flowers.....	20
PUMILA AZUREA COMPACTA. Compact growth; azure blue....	10
PUMILA GRANDIFLORA. A densely compact miniature plant, which, during the summer months, is studded with rich deep blue flowers.....	10

Flower Seeds in Assortments, see page 95.

LOBELIAS—Continued.

	Per packet
FINEST MIXED VARIETIES.....	10
CARDINALIS (<i>Cardinal flower</i>). Hardy perennial native variety, with spikes of brilliant scarlet flowers; blooming the first season from seed, if started early; a fine border plant; 2 ft.....	10
LUPINUS. Ornamental free-flowering garden plants with long graceful spikes of rich and varied colored flowers; 2 ft.	
CHOICE MIXED, annual varieties.....	5
CHOICE MIXED, hardy perennial varieties.....	5
LYCHNIS. Handsome plants of easy culture, for beds and borders; blooms the first year if planted early; hardy perennials.	
HYBRIDA HAAGEANA. Beautiful brilliant orange-scarlet, light and dark crimson, white-flaked flowers; free-flowering; 1 ft....	10
CHALCEDONICA. Scarlet. WHITE. ROSE. MIXED; 2 ft...each	5
MARIGOLD (<i>Tagetes</i>). A well-known free-flowering plant, with rich and beautiful double-colored flowers; half-hardy.	
LARGE AFRICAN. Tall double orange and yellow, mixed.....	5
DWARF FRENCH. Fine rich colors; very double, mixed.....	5
PIGMY DWARF. A very dwarf, miniature variety.....	5
RANUNCULUS (<i>Cilendula</i>). English Marigold; fine large double orange-colored flowers.	5
MARTYNIA FRAGRANS. Delights in a rich soil and a warm situation; large fragrant, purple flowers; tender; 2 ft.....	5
MARVEL OF PERU (<i>Mirabilis Jalapa</i>). A well-known garden favorite, commonly known as the <i>Four O'clock</i> ; they bloom the first season from the seed and are treated like annuals; the roots can be preserved during the winter, like Dahlias; half-hardy perennials; fine mixed colors; 2 ft.....	5
VARIEGATED. Leaves light green, marbled; very ornamental, a variety of the above; mixed colors.....	10
MESEMBRYANTHEMUM. Profuse flowering dwarf plants, fine for beds, edgings, rock-work, baskets or vases; requiring a warm sunny situation; half-hardy; 6 in.	
CRYSTALLINUM (<i>Ice Plant</i>). Flowers white; grown and prized for its singular icy foliage.....	5
GLABRUM (<i>Dew Plant</i>). Light yellow flowers.....	5
TRICOLOR. Rosy-pink, with purple centre.....	5
MIGNONETTE (<i>Reseda odorata</i>). A well-known fragrant garden favorite; if the plants are thinned out they will grow stronger and produce larger spikes of flowers; fine for pot culture; 6 in.	
SWEET-SCENTED. The old variety with small spikes.....	5
LARGE-FLOWERED. Fine large spikes.....	5
GRANDIFLORA AMELIORATA. Plants pyramidal; flowers larger than the old varieties; stamens of a reddish tint.....	5
PARSON'S WHITE. Large spikes, and the stamens of the florets pure white; very fragrant.....	10
MIMULUS (<i>Monkey-flower</i>). Showy flowers, suitable for the green-house, or moist, shady situations; half-hardy perennials; blooming the first year from seed.	
TIGRINUS. Finest tigered or spotted; mixed colors.....	20
TIGRINUS FLORE-PLENO. A charming double variety; tigered or spotted as the <i>Calceolaria</i> ; choice mixed colors.....	25
TIGRINUS DUPLEX. Beautiful double hose-in-hose, tigered and spotted flowers.....	25
CUPREUS BRILLIANT. A new brilliant scarlet, bedding variety; extremely showy.....	20
CHOICE MIXED VARIETIES.....	10
MOSCHATUS (<i>Musk Plant</i>). Fine for hanging-baskets, vases, etc., with a profusion of small yellow flowers; 6 in.....	10

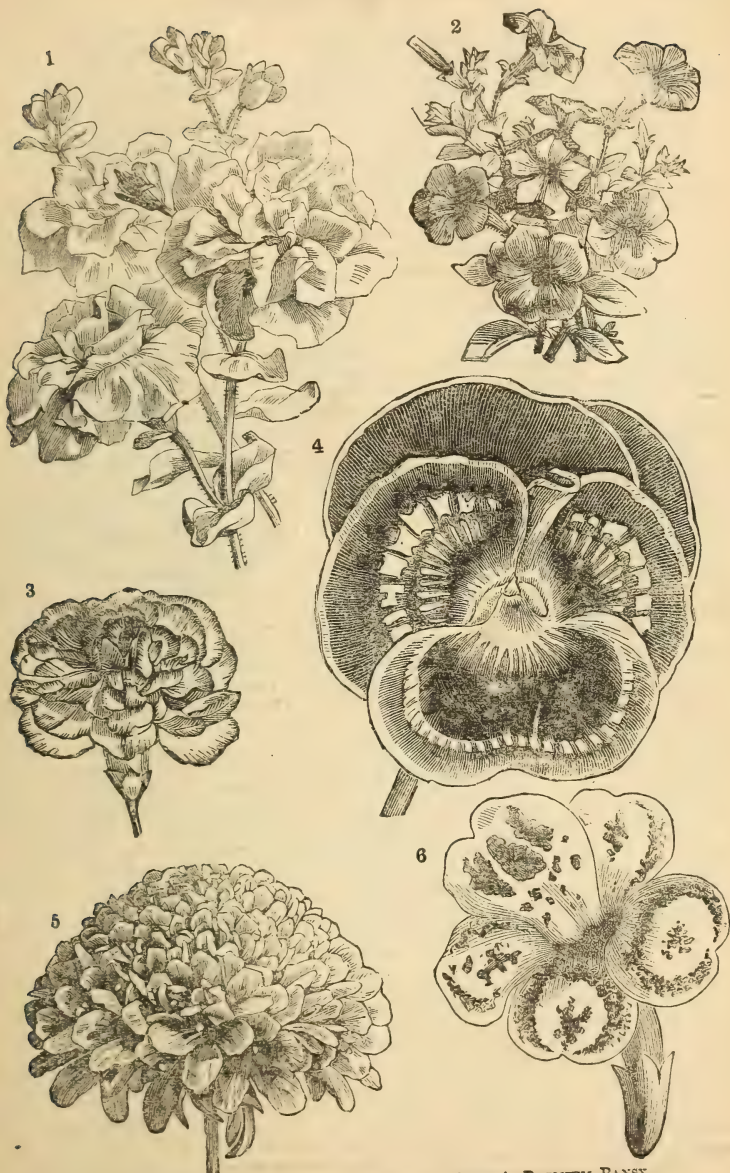
For Seeds of Annuals by weight, see page 53.



1. DOUBLE ENGLISH HOLLYHOCK.
2. LOBELIA.
3. SWEET MIGNONETTE.

4. LYCHNIS HYBRIDA HAAGEANA.
5. MESEMBRYANTHEMUM (ICE PLANT)
6. DOUBLE TIGERED MIMULUS.

MYOSOTIS (<i>Forget-me-not</i>). Neat and beautiful little plants with star-like flowers; succeeds best in a shady situation, for in or out-door planting; half-hardy perennials; blooming the first year from seed; 6 in.	
ALPESTRIS. Bright blue. ALBA. Pure white.....each	10
PALUSTRIS. True Forget-me-not; blue.....	10
AZORICA ALBA. A pure white variety.....	20
AZORICA CÆLESTINA. Sky-blue flowers, produced in great profusion; handsome and very constant.....	20
NASTURTIIUM (<i>Tropæolum</i>). The dwarf improved varieties are all desirable, either for the flower borders, massing, ribboning, pots or green-house; 1 ft.	
TOM THUMB SCARLET. YELLOW.....each	10
TOM THUMB PEARL. Cream color.....	10
TOM THUMB BEAUTY. Orange-spotted.....	10
CÆRULEA ROSEA. Rose-tinted maroon.....	10
CARTER'S CRYSTAL PALACE GEM. Sulphur-colored flowers, with a dark-red spot near the base of each petal.....	10
KING OF TOM THUMBS. Bluish green foliage; showy intense scarlet flowers.....	10
KING THEODORE. Selected from King of Tom Thumbs; bluish-green foliage; flowers almost black.....	10
GOLDEN KING OF TOM THUMBS. Deep golden flowers, thrown well above the dark-colored foliage.....	10
MIXED, all colors.....	10
NEMOPHILA (<i>Grove Love</i>). Of neat, compact, uniform habit of growth, comprising varied and beautiful colors; 1 ft.	
INSIGNIS. Bright blue, with white centre.....	5
MACULATA. White, blotched with violet.....	5
FINE MIXED, all colors.....	5
NIGELLA (<i>Love in a Mist</i>). A compact-growing, free-flowering plant, with curious-looking flowers and seed-pods; of easy culture, growing in any garden soil; 1 ft.	
DAMASCENA. Light blue, pretty flowers.....	5
DAMASCENA ALBA. A pure white variety of the above.	5
NIEREMBERGIA FRUTESCENS. Tender perennial, blooming the first year from seed; fine for house-culture or bedding out; flowers white tinted with lilac; 1 ft.....	10
CENOTHERA GRANDIFLORA (<i>Evening Primrose</i>). Hardy perennial; showy yellow flowers; 3 ft.....	5
OXALIS ROSEA. Beautiful plants, suitable for the green-house, rock-work, baskets, etc.; blooms the first year from seed, with clusters of rose-colored blossoms; half-hardy perennial: 6 in.....	10
PANSY (<i>Viola tricolor maxima</i>). This attractive plant is too well known to require any description, as it is a favorite with all; if grown in beds, ribbons, or massing, they are very effective. The best blooms are obtained from seed sown in the autumn, and protected during the winter. These flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. They require fresh soil, well enriched with decomposed manure; hardy perennials.	
DREER'S PREMIUM VARIETIES. Saved from first-class flowers only, with special directions how to cultivate.....	50
EMPEROR WILLIAM. Large handsome flowers in great profusion, borne well above the foliage, brilliant ultra-marine blue, with eye of purple violet.....	25



1. DOUBLE PETUNIA.
2. HYBRID PETUNIAS.
3. PICOTEE PINK.

4. DREER'S PREMIUM PANSY.
5. SCABIOSA.
6. MIMULUS OUPREUS.

PANSY—Continued.

Per packet.

ODIER, OR FIVE-BLOTCHED. A beautiful strain of large flowers, with dark spots on each petal.....	25
FAUST, OR KING OF THE BLACKS. Almost coal-black.....	20
LIGHT BLUE. PURE YELLOW. PURE WHITE.....each	20
PURPLE. White-edged. BEST IMPORTED. Mixed colors.....each	20
GOOD VARIETIES. Mixed colors.....	10
PENTSTEMON. A beautiful half-hardy perennial plant, with long and graceful spikes of rich-colored flowers; 2 ft.; choice mixed varieties.....	10
PETUNIA. For out-door decoration, few plants are equal to it. It commences to flower early, and continues a mass of bloom the whole season. Of late years, the striped and mottled varieties have been much improved; half-hardy perennials, blooming the first year from seed. For other varieties, see page 93.	
COUNTESS OF ELLESMERE. Dark rose, with pure white throat, small flowered.....	10
HYBRIDA FLORA (<i>The Star</i>). Various shades of red and purple flowers, with five white bars, resembling a star.....	10
KERMESINA. Large rich crimson flowers.....	10
KERMESINA GRANDIFLORA. Showy large crimson flowers with white throat.....	25
PHENICIA. Small purple flowers, trailing over the ground; 1 ft.	5
NYCTAGINIFLORA. White fragrant, abundant bloomer.....	5
SPLENDID HYBRID VARIETIES. Mixed; all colors.....	10
FINE MIXED, old varieties.....	5
DREER'S EXTRA MOTTLED. Finest mottled and striped varieties mixed.....	20
DREER'S DOUBLE HYBRIDIZED. Fecundated with the greatest care, saved from our very choice collection, a fair percentage will prove handsome double flowers.....	25
PHACELIA CONGESTA. A curious and interesting plant, good for bouquets; with pretty azure-blue flowers.....	5
PHLOX DRUMMONDI. An indispensable constant blooming plant, for bedding, etc., quite as desirable as the Verbena, for their richness of colors and beautiful-eyed varieties. For assortments of Phlox, see page 95.	
ALBA. Pure White. ISABEL. Light Yellow.....each	10
ATROPURPUREA. Blood purple. ROSEA. Rose-colored.....each	10
ALBA OCCULTA. White, with dark eye.....	10
LOUIS NAPOLEON. Brilliant scarlet.....	10
LEOPOLDI. Deep pink, with white eye.....	10
RADOWITZI. Dark rose, striped with white.....	10
QUEEN VICTORIA. Violet, with white eye.....	10
EMPRESS EUGENIE. Rose, marbled.....	10
VIOLACEA VARIEGATA. Violet, variegated.....	10
RADOWITZI WILLIAM I. Crimson, white striped.....	10
PEACH-BLOSSOM. A new dwarf variety of compact growth. Flowers large and of a delicate salmon tint.....	10
CHOICE MIXED. Finest varieties.....	5
PERENNIAL VARIETIES. Mixed colors.....	10
PINKS (<i>Dianthus</i>). Well-known fragrant plants, of easy culture, for the green-house or open border; hardy perennials.	
FINE GARDEN (<i>Dianthus Hortensis</i>). Double mixed varieties....	10
PHEASANT'S EYE (<i>Dianthus plumarius</i>). Fringed, white, with dark eye.....	5
PLUMARIUS, DOUBLE MIXED. A double variety of the Pheasant's Eye Pink; fringed edges of various colors.....	20
PICOTEE. Finest selected English varieties; half-hardy.....	25

For Seeds of Ornamental Foliage Plants, see page 78.



1. DOUBLE PORTULACA.
2. DOUBLE SANVITALIA.

3. SALPIGLOSSIS.
4. TAGETES SIGNATA PUMILA.

	Per packet.
PORTULACA. Plants of easy culture, luxuriating in an exposed sunny situation; flowers large and of rich shades of color, and produced throughout the summer in great profusion; fine for massing in beds; 6 in. For assortments of Portulaca see page 95.	
ALBA. White. CARYOPHYLLOIDES. Carnation striped.. each	5
AURANTIACA. Orange. SPLENDENS. Crimson purple..... each	5
• THORBURNI. Yellow. THELLUSONI. Scarlet.....each	5
ROSEA. Rose-colored. MIXED, all colors.....each	5
ALBA OCULATA. Pure white, with reddish-purple centre.....	10
AUREA OCULATA. Pure yellow, with a dark centre.....	10
AUREA STRIATUS. Yellow, with golden stripes.....	10
CARNEA. Of a pretty delicate pink shade.....	10
GRANDIFLORA FLORE-PLENO (<i>Double-flowering Portulaca</i>). A bed, seen under a mid-day sun, presents such a glow of brilliant colors as to excite the admiration of all; the flowers are perfectly double, of the most brilliant scarlet, crimson, white, variegated, buff, yellow, orange, and rose, admirably adapted to withstand the influences of heat and drought.....	20
POLYANTHUS (<i>Primula Elatior</i>). Showy early spring-flowering plants, fine for pot or out-door culture; finest English varieties; hardy perennials; 1 ft.; mixed colors.....	25
GOOD MIXED VARIETIES. All colors.....	10
POPPY (<i>Papaver</i>). Showy and easily cultivated flowers. Sow early in the spring; they will not bear transplanting; 2 ft.	
PÆONY-FLOWERED. Large and very double; mixed colors.....	5
RANUNCULUS-FLOWERED. Double-fringed; mixed colors.....	5
CARNATION. Double mixed. MIXED VARIETIES, all colors.....each	5
POTENTILLA AUREA. Profuse-flowering herbaceous plants; hardy perennial; 1½ ft.; yellow, with pink eye.....	5
PRIMULA VERIS (<i>English Cowslip</i>). Hardy perennial; 6 in. Mixed colors.....	10
RHUS COTINUS (<i>Purple Mist Tree</i>). A hardy ornamental dwarf tree, beautiful when in full bloom, resembling mist.....	10
SALPIGLOSSIS. Neat and beautiful plants, with penciled and marbled funnel-shaped flowers; suitable for pot-culture or the flower-border, blooming all summer; half-hardy; 1½ ft.	
LARGE-FLOWERED VARIETIES. Very splendid; mixed, all colors.	10
FINE MIXED VARIETIES. All colors.....	5
SANVITALIA PROCUMBENS FLORE-PLENO. This double-flowered variety is much larger than the single flowers; a valuable bedding plant; 6 in.; bright golden yellow.....	10
SAPONARIA. Beautiful compact-growing plants, with masses of miniature cross-shaped flowers, blooming throughout summer and late autumn; 6 in.	
CHOICE MIXED VARIETIES.....	10
OCYMOIDES. A hardy perennial variety, one of the finest plants for covering rock-work, etc.; rosy pink flowers.....	10
SCABIOSA (<i>Mourning Bride, or Sweet Scabius</i>). Plants with beautiful double various-colored flowers; fine for bouquets.	
FINE GERMAN VARIETIES. Mixed, all colors; 2 ft.....	5
DWARF VARIETIES. Double mixed, all colors; 1 ft.....	5
CANDISSIMA PLANA. Double, pure white flowers.....	10
SCHIZANTHUS. A splendid class of plants, combining elegance of growth with a rich profusion of flowers; half-hardy; 2 ft.	
GRANDIFLORUS OCCULATUS. Various shades with blue centres...	5
PINNATUS. Pinnated-leaved; purple and yellow spotted.....	5
FINE MIXED VARIETIES. All colors.....	5

For Seeds of Everlasting Flowers, see page 77.



4



1. WHITLAVIA.
2. HYBRID VERBENA.
3. SCHIZANTHUS.

4. SENSITIVE PLANT.
5. LARGE-FLOWERING DWARF TEN WEEK STOCKS.

	Per packet
SEDUM (<i>Stone-Crop</i>). A pretty little plant, growing freely on rock or rustic-work, hanging-baskets, etc.; hardy perennial; 3 in. Mixed varieties.....	10
SENECIO OR JACOBÆA. Free growing plants, producing gay-colored double flowers in profusion; mixed colors; 1 ft.....	10
SENSITIVE PLANT (<i>Mimosa pudica</i>). Curious and interesting plants, pinkish white flowers, leaves close and droop when touched; tender; 2 ft.....	5
STOCKS (<i>Mathiola</i>). The Stock Gilly-flower is one of the most popular, beautiful and important garden favorites; whether for bedding, massing, or pot-culture, it is unsurpassed either for brilliancy and diversity of color or profusion and duration of bloom. The TEN-WEEK STOCKS (<i>Mathiola annua</i>) are generally cultivated, and bloom 10 to 12 weeks after being sown; they grow from 6 to 15 inches high, and when grown in rich soil, and occasionally watered with weak guano water, throw out an immense quantity of lateral spikes of bloom, so that each plant forms a perfect bouquet of delightful fragrance. We offer the following varieties, imported from one of the best growers in Prussia; half-hardy; 1 ft. For assortments of Stocks, see page 95.	
DWARF GERMAN TEN-WEEK. Mixed colors.....	10
DWARF BOUQUET TEN-WEEK. Mixed colors.....	20
PERPETUAL DWARF TEN-WEEK. Mixed colors.....	20
NEW TREE OR GIANT TEN-WEEK. Mixed colors.....	20
LARGE-FLOWERING DWARF TEN-WEEK. Mixed colors.....	10
LARGE-FLOWERED DWARF TEN-WEEK ROYAL GEM. One of the finest Stocks; of a rich dark crimson color, very double.....	20
LARGE-FLOWERING DWARF TEN-WEEK. The following are desirable colors, each separate:	
CANARY YELLOW. BLOOD-RED.....each	20
WHITE. LIGHT-BLUE. PURPLE. CRIMSON.....each	10
INTERMEDIATE, NEW GIANT. Autumn-flowering, continuing in bloom a long time; flowers large and double; of a deep scarlet color.....	20
INTERMEDIATE. Autumnal-flowering, very beautiful; choice mixed, double, scarlet and white.....	10
BROMPTON OR WINTER. Half-hardy biennial, bushy plants; producing a beautiful display of flowers; mixed colors; 2 ft.....	10
PERPETUAL EMPEROR. Half-hardy perennial; large-flowering; choice colors; mixed; 1½ ft.....	10
SWEET WILLIAM (<i>Dianthus barbatus</i>). A well-known free-flowering hardy perennial, producing a splendid effect in beds, mixed flower and shrubby borders; 2 ft.	
DOUBLE-FLOWERING. Fine mixed colors.....	10
AURICULA-FLOWERED PERFECTION. Choice mixed colors.....	10
NEW DARK. Very rich velvety dark colors.....	10
MIXED. Good varieties.....	5
TAGETES SIGNATA PUMILA. Dwarf, compact, bushy growth, densely covered with bright yellow single flowers; valuable for borders as well as beds; 1 ft.....	10
TOURNEFORTIA HELIOTROPOIDES (<i>Summer Heliotrope</i>). Bluish-lilac flowers, trailing; half-hardy.....	10
TRACHELIUM CÆRULEUM (<i>Throatwort</i>). Hardy herbaceous perennial, with blue flowers blooming in August. Sow in a hot-bed in the spring, and plant out in April in rich sandy loam.	10

For Seeds of Green-house Plants, see page 82.

	Per packet.
VALERIANA. Very showy border plants; will grow in any garden soil; hardy perennial; 1½ ft. RED. WHITE.....each	5
VERBENA HYBRIDA. Indispensable popular bedding plants; beautiful self-colored, striped, and variegated flowers; half-hardy annuals, can also be treated as perennials.	
DREER'S STRIPED. Beautiful varieties of brilliant colors.....	25
EXTRA CHOICE MIXED. Selected from our newest and finest named varieties and richest colors \$5.00 per oz. net.....	25
FINE MIXED VARIETIES. All colors.	10
VINCA (<i>Madagascar Periwinkle</i>). Ornamental free-blooming bedding plants. Green-house, evergreen shrubs, with shining green foliage, treated as tender annuals; 2 ft.	
ROSEA. Rose, dark eye. ALBA. White, crimson eye.....each	10
ALBA PURA. Pure white. MIXED COLORS.....each	10
VIOLET (<i>Viola odorata</i>). Well-known plants for edgings, groups, or borders; hardy perennials; sweet-scented blue flowers; 6 in... 10	
WALL-FLOWER (<i>Cheiranthus Cheiri</i>). Deliciously fragrant flowers, and prized for bouquets; half-hardy perennials; 2½ ft.	
FINEST GERMAN VARIETIES. Mixed colors.....	10
BLOOD-COLORED. Rich showy flowers.....	5
WHITLAVIA GRANDIFLORA. Fine violet blue, bell-shaped flowers, growing freely, and effective for bedding; 1 ft.....	5
ALBA. A white variety of the above.....	5
ZINNIA ELEGANS, FLORE-PLENO. Double Zinnias are quite an acquisition to our list of half-hardy annuals, the splendid double flowers rivalling in beauty and form moderate-sized Dahlias. Fall-flowering plants, producing a profusion of rich and varied-colored flowers; 1½ ft.	
WHITE. Well-shaped pure white flowers.....	10
EXTRA CHOICE MIXED. Saved from selected flowers.....	10
TAGETIFLORA. A double variety, with quilled petals.....	10
HAAGEANA. A double variety of Mexicana; flowers deep orange, margined with yellow; densely covered with flowers until frost.	10



ZINNIA ELEGANS FLORE-PLENO.

SEEDS OF CLIMBING PLANTS.

Climbers are indispensable, useful, and very ornamental plants, for covering old buildings, walls, arbors, trellises, and stumps with graceful foliage, and beautiful rich colored, varied-shaped flowers in great profusion: the strong growing varieties for larger objects, and the more delicate for pots, vases, baskets, and balcony decorations. Care should be taken in selecting those varieties suitable for the purpose they are intended; also the necessary support must be furnished in time; if neglected and the plants are left to grow wild, they cannot always be made to assume good habits after once thus neglected.

Per packet.

ABOBRA VIRIDIFLORA. Half-hardy tuberous-rooted perennial, fruiting the first year from seed; with beautiful cut-glossy, dark green foliage, and small oval scarlet fruit.....	10
ADLUMIA CIRRHOSA (<i>Mountain Fringe</i>). A hardy biennial, flowering the first season, of graceful habit and delicate foliage, clusters of rosy-lilac flowers; 15 ft.....	10
ARISTOLOCHIA SIPHO (<i>Dutchman's Pipe</i>). Hardy perennial; ornamental, curious-shaped flowers.....	10
BALLOON VINE (<i>Cardiospermum Halicacabum</i>). Half-hardy, rapid growing plant; flowers white, producing inflated capsules.....	5
BRYONOPSIS LACINIOSA ERYTHROCARPA. Half-hardy, ivy-like pale green foliage plant, with beautiful scarlet fruit, marbled white.....	5
CLEMATIS FLAMMULA (<i>Virgin's Bower</i>). Hardy perennial, fine for arbors and verandahs, white, very fragrant.....	10
COBCEA SCANDENS. Half-hardy perennial, flowering the first season, with large bell-shaped purple flowers. In sowing, place the seeds edgewise and cover with light soil. Comes up best in a hot-bed; 20 ft.....	10
COCCINIA INDICA. Half-hardy perennial, flowering the first season if started early, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers, brilliant carmine fruit.....	10
CONVOLVULUS MAJOR (<i>Morning Glory</i>). One of the handsomest flowering and most rapid growing plants in cultivation; the beauty and delicacy of their colors are unsurpassed; 15 ft.	
LARGE BLUE. LARGE WHITE.....each	5
BURRIGI. Rosy crimson, with white centre.....	5
MIXED VARIETIES. All colors.....	5
AUREUS SUPERBUS. Golden yellow flowers; 6 ft.....	10
CYCLANTHERA EXPLODENS. A free-growing handsome foliage plant, oval-shaped fruit, exploding when ripe; 10 ft.....	10
CYPRESS VINE (<i>Ipomœa quamoclit</i>). A half-hardy, very beautiful, delicate, fern-like foliage plant, and masses of bright crimson and white flowers. Plant about the 10th of May; 15 ft.	
CRIMSON. Very brilliant. WHITE. Pure white.....each	5
MIXED. White and crimson.....	5
ECCREMOCARPUS SCABER (<i>Colampelis</i>). Tender rapid-growing plant, with cluster of orange tube-shaped flowers.....	10
GOURD, ORNAMENTAL (<i>Cucurbita</i>). A tender rapid-growing interesting plant, with striking foliage and singular fruit.	
CALABASH. The old Dipper Gourd.....	5
HERCULES' CLUB. Club-shaped; 4 to 5 ft. long.....	5
EGG-SHAPED. MOCK ORANGE. POWDER HORN.....each	5
APPLE SHAPED, PEAR SHAPED, CUCUMBER SHAPED.....each	5
ARGYROSPERMA. From Texas; also known as the <i>Bonnet Gourd</i> .	10
TRICOSANTHES COLUBRINA (<i>True Serpent Gourd</i>). Striped like a serpent, changing to carmine.....	10



1. COBÆA SCANDENS.
2. CYPRESS VINE.
3. SERPENT GOURD.

4. IPOMŒA HUBERI.
5. MAURANDIA.
6. LOASA LATERITIA.

	Per packet
HYACINTH BEAN (<i>Dolichos Lablab</i>). Tender, rapid-growing, free-flowering plant, for covering arbors, trellises, etc.	
PURPUREA. Purple flowers, and seed-pods of a purple maroon..	5
ALBA. Pure white. MIXED.....each	5
IPOMŒA (<i>Morning Glory</i>). Tender, of rapid growth and beautiful flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable; 15 ft.	
COCCINEA. Small scarlet flowers, sold as the <i>Star "Ipomœa"</i>	5
COCCINEA LUTEA. Small yellow flowers.....	5
LIMBATA. Violet, margined with white, large and fine.....	5
STRIATA NOVA. Beautifully striped, three-colored.....	5
GRANDIFLORA SUPERBA. Large blue flowers, with a broad white border.....	5
CHOICE MIXED VARIETIES. All colors.....	5
HUBERI. The new Japanese hybrids, between <i>Grandiflora</i> and <i>Hederacea</i> . Some with silvery-white, marbled foliage; large trumpet-shaped flowers beautifully margined, of various colors.	
MIXED. All colors.....	10
FOLIIS VARIEGATIS. Foliage beautifully mottled and marbled with white; mixed colors.....	10
BONA NOX (<i>Evening Glory</i>). Violet, very large fragrant flowers, which expand in the evening.....	10
LATHYRUS (<i>Everlasting Pea</i>). Showy, free-flowering, hardy perennial plant, growing in any common soil; ornamental for covering old stumps, fences, or walls; 5 ft.	
LATIFOLIUS. Purple flowers.....	5
LATIFOLIUS ALBUS. White flowers.....	10
LOASA LATERITIA. Half-hardy perennial, flowering the first season; a rapid-growing, free-flowering plant, with curious and beautiful orange-red flowers.....	10
LOPHOSPERMUM SCANDENS. Half-hardy ornamental plant, with showy, fox-glove-like, rosy purple flowers; 10 ft.....	20
HENDERSONI. Similar to the above, rosy carmine flowers.....	20
MAURANDIA. Half-hardy perennials, flowering the first season; beautiful, rapid slender-growing plants, blooming profusely until late in the autumn. Plants should be started in the hot-bed or green-house; 10 ft.	
ALBIFLORA. Pure white. BARCLAYANA. Purple.....each	10
ROSEA. Dark rose. MIXED. All colors.....each	10
SWEET PEAS (<i>Lathyrus odoratus</i>). Very beautiful, fragrant and free-flowering plants, fine for screening unsightly objects; blooming all summer if the flowers are cut freely, or the pods picked off as they appear; 6 ft.	
CROWN PRINCESS OF PRUSSIA. Bright blush, very fine.....	5
BROWN'S INVINCIBLE SCARLET. A beautiful bright scarlet.....	5
LIGHT BLUE. PURPLE. STRIPED. TRICOLOR. WHITE.....each	5
MIXED. All colors.....	5
THUNBERGIA. Half-hardy, desirable, slender, rapid-growing plants with pretty flowers, and constant bloomers; fine for vases, rustic work, green-house or out-door culture; 4 ft.	
ALBA. White, dark eye. ALATA. Buff, dark eye.....each	10
AURANTIACA. Orange, dark eye. BAKERI. Pure white.....each	10
ALATA UNICOLOR. Pure yellow. MIXED. All colors.....each	10
TROPŒOLUM. Half-hardy, elegant, profuse flowering plants, for verandahs, trellises, etc, either in or out doors; 10 ft.	
CANARY BIRD FLOWER (<i>Peregrinum</i>). With yellow canary-like flowers; very ornamental.....	10
LARGE, DARK CRIMSON (<i>Nasturtium Majus</i>). Showy flowers...	5
MAJUS. Mixed varieties.....	5

For Seeds of Green-house Climbers, see page 82.

SEEDS OF ORNAMENTAL FOLIAGE PLANTS.

They have become very popular for ornamental gardening and sub-tropical effect; for planting in groups and massing, also for ribbons and edgings. The following varieties can be readily grown from seed. For directions for sowing and management, see pages 45 and 46.

	Per packet.
ACANTHUS. A stately and beautiful ornamental plant. From the leaf of <i>Acanthus mollis</i> the capital of the Corinthian column is derived. Growing freely in any rich, loamy soil. Hardy perennial. Mixed varieties.....	10
AMARANTHUS. Showy, ornamental plants; very effective in groups, for the centre of beds or flower borders; the colors are most brilliant in poor soil and a dry season; half-hardy.	
BICOLOR RUBER. Foliage scarlet and maroon, sometimes tipped with yellow; 4 ft.....	5
GORDONI. Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of the stalk, the lower leaves having a scarlet band through the centre.....	10
MELANCHOLICUS RUBER. Compact habit, with striking blood-red foliage; 1½ ft.....	5
SALICIFOLIUS (<i>Fountain Plant</i>). A pyramidal plant, branching close to the ground. The leaves are willow-shaped, elongated, and wavy, at first of a bronzy green shade. As the plants become stronger, the leaves at the ends of the branches assume a bright orange-carmine and bronze color, forming magnificent plumes, and giving the plant a picturesque appearance; 4 ft....	10
TRICOLOR (<i>Joseph's Coat</i>). Leaves red, yellow, and green; a very handsome and showy plant; 3 ft.....	5
BASELLA RUBRA VARIEGATA. A beautiful plant for sunny positions, fleshy white and green foliage, with bright red stems; tender perennial; 3 ft.....	10
BOCCONIA JAPONICA. Foliage white on the under side, and fine spikes of cream-colored flowers, very effective in the autumn; hardy perennial; 5 ft.....	10
FRUTESCENS. Large, glaucous foliage, of fine effect for out-door decorations; tender perennial.....	10
CANNA (<i>Indian Shot</i>). The Cannas are a stately species of plants, highly ornamental, producing a very rich and oriental effect, by their large, broad, massive foliage, terminated by racemes of crimson, orange, or scarlet variously lobed flowers. Soak the seed in hot water before planting; take up the roots before frost, and preserve in a warm cellar or room. Half-hardy perennials. For plants and illustration see page 143.	
ANNEI DISCOLOR. Large bright bronzy maroon foliage, orange-colored flowers; height 6 ft.....	20
BIHORELLI. Scarlet, free-blooming, with rich brown leaves; a dwarf showy plant; 2 ft.....	20
BONNETI FLORIBUNDA. Foliage purple and green; flowers large, orange red; very choice; 7 ft.....	10
MARECHAL VAILLANT. Foliage rich maroon, with large orange flowers, rising well above the foliage; height 6 ft.....	10
MUSEFOLIA HYBRIDA. Red foliage, resembling a banana; 2 ft.	10
NIGRICANS. Scarlet, foliage intensely dark; 7 ft.....	10
PREMICES DE NICE. A fine variety, with bright green leaves and splendid large yellow flowers; height 6 ft.....	20
RENDATLERI. Large orange flowers, foliage green and purple; 6 ft.	10
TRICOLOR. Foliage three-colored; green, red and yellow; 4 ft..	10
ZEBRINA. Scarlet; beautiful zebra-striped foliage; 5 ft.....	10
MIXED VARIETIES. All colors.....	5



1. AMARANTHUS SALICIFOLIUS.
2. AMARANTHUS TRICOLOR.
3. AMARANTHUS MELANCHOLICUS RUBRA.

4. BOCCONIA JAPONICA.
5. CINERARIA MARITIMA.
6. CENTAUREA CANDIDISSIMA.

	Per packet.
CENTAUREA. Half-hardy perennials, fine for bedding, vases, hanging-baskets, and pots. Also used for marginal lines.	
GYMNOCARPA. Silvery gray foliage, very graceful; 1½ ft.....	25
CANDIDISSIMA. Splendid silvery-leaved; 1 ft.....	25
CLEMENTE. Robust free-growing plant, crowns of beautiful silver leaves, deeply fringed and cut in lobes; 6 in.....	25
CINERARIA (<i>Dusty Miller</i>). Half-hardy perennials, fine for bedding and ribbon beds; prized for their beautiful silvery foliage.	
MARITIMA. With yellow flowers.....	10
MARITIMA CANDIDISSIMA. An improvement on the above.....	20
ACANTHIFOLIA. Foliage beautifully cut like the <i>Acanthus</i>	20
ECHEVERIA METALLICA. Broad, saucer-shaped leaves, of a peculiar lilac and metallic tinge, for the green-house or open garden; tender perennial.....	25
EUPHORBIA VARIEGATA. Showy, white-and-green foliage; 2 ft.	5
FERDINANDA EMINENS. Showy and large foliage; 4 ft.....	20
HUMEA ELEGANS. Half-hardy biennial; a remarkably handsome decorative plant, producing drooping pyramids of ruby-red, grass-like florets, either for pots or the garden; 8 ft.....	10
MAIZE. STRIPED-LEAVED JAPANESE (<i>Zea Japonica fol. variegata</i>). It is beautifully and evenly striped, and ribboned with alternate stripes of green and white; half-hardy; 5 ft.....	5
GRACILLIMA (<i>Miniature Maize</i>). Foliage elegantly striped.....	5
PERILLA NANKINENSIS ATROPURPUREIS LACINIATIS. The foliage of this variety is exceedingly elegant, of a very dark purple, cut or fringed, producing a charming effect.....	10
NANKINENSIS. A neat plant, with dark purple foliage; 1½ ft....	5
PYRETHRUM FOLIUM AUREUM (<i>The Golden Feather</i>). A highly ornamental golden foliage plant, for ribbon gardening...	10
RICINUS. Plants of stately growth and picturesque foliage, combined with brilliant-colored fruit, producing an oriental effect; fine for lawns and pleasure grounds; half-hardy.	
SANGUINEUS. Blood-red stalks and seed-pods; 8 ft.....	10
TRICOLOR. Green-and-brown spotted red fruit, stalks red; 6 ft...	10
AFRICANUS ALBIDUS. White fruit; stem and leaves silvery; 8 ft.	10
BORBONIENSIS ARBOREUS. Large and showy foliage; 15 ft.....	10
FINE MIXED VARIETIES.....	5
SOLANUM. Beautiful fruit-bearing plants (not edible), among the most interesting green-house shrubs; fine for groups on lawns or single specimens. Half-hardy perennials, fruiting the first season from seed.	
CILIATUM. Brilliant scarlet fruit, which retains its bright color and form long after ripe; fine for Christmas decorations; 1½ ft..	10
CAPSICASTRUM. Red, cherry-like fruit; 1½ ft.....	10
MARGINATUM. Grayish foliage, margined white, yellow fruit; 2 ft.	10
ROBUSTUM. Rich brown-tinted leaves and long spines render the foliage extremely ornamental.....	10
WARSCIEWICZI. Immense lobed leaves of a dark green color, rich inflorescence and ornamental fruit; when planted in masses produces a grand effect; 6 ft.....	10
WHEELERI. An improvement on the old Jerusalem Cherry. Fruit oval and of handsome growth.....	10
WIGANDIA CARACASANA. A grand plant, with stupendous leaves, richly veined, and stems covered with crimson hairs; half-hardy perennial; 6 ft.....	25
IMPERIALIS. A new variety; leaves larger and firmer.....	25
YUCCA FILAMENTOSA. A hardy perennial plant, requires several years to grow to perfection from seed; with large clusters of white flowers on tall stems; 3 ft.....	10



1. *CENTAUREA GYMNOCARPA*.
 2. *CENTAUREA CLEMENTI*.
 3. *PERILLA NANKINENSIS*.

4. *YUCCA FILAMENTOSA*.
 5. *EUPHORBIA VARIEGATA*.
 6. *RICINUS*.

SEEDS OF EVERLASTING FLOWERS.

This class of plants have become very popular, and are generally cultivated for their beautiful rich-colored flowers, which are desirable for making up winter bouquets, wreaths, and Christmas decorations. They should be cut when in perfection, tied in small bunches, and dried slowly in the shade with their heads downwards, to keep the stems straight.

Per packet.

ACROCLINIUM. Charming plants, flowering freely in any good garden soil; half-hardy; 1 ft.	
ROSEUM. Bright rose. ALBUM. Pure white.....each	5
AMMOBIUM ALATUM. Showy small white flowers; 2 ft.....	5
GOMPHRENA (<i>Globe amaranthus</i>). Handsome flowers of various colors, familiarly known as the " <i>Bachelor's Button</i> ;" half-hardy; 2 ft.	
ALBA. Pure white. PURPUREA. Rich crimson.....each	5
AUREA. Orange. STRIATA. Red and white striped.....each	5
MIXED, all colors.....	5
HELICHRYSUM. Exceedingly effective choice double flowers, fine for borders; succeed in any rich soil; 1½ ft.	
ALBUM. Pure white. LUCIDUM. Yellow.....each	5
ATRO-SANGUINEUM. Dwarf, with deep crimson flowers	10
MACRANTHUM. Large pink flowers.....	5
MONSTROSUM ATRO-SANGUINEUM. Beautiful large double dark-red flowers.....	10
MONSTROSUM. Large showy flowers; mixed colors.....	10
MIXED VARIETIES, assorted colors.....	5
HELIPTERUM SANFORDI. A very pretty border plant of dwarf tufted habit with neat foliage and large globular clusters of bright golden yellow flowers; tender; 9 in.....	
POLYCOLYMNA STUARTI. Large white flowers; 1½ ft.....	5
RHODANTHE. A delicate and charming half-hardy plant, succeeds best in light rich soil and a warm situation; valuable for pot or border culture; 1 ft.	
ATRO-SANGUINEA. Dwarf, branching habit, disk of a dark crimson shade, ray scales of a bright purple.....	10
MACULATA. Bright rosy purple with yellow disk.....	10
MACULATA ALBA. Silvery white with yellow disk.....	10
MANGLESI. Bright rose, silvery calyx.....	10
MANGLESI FLORE-PLENO (<i>Prince Bismarck</i>). This new double variety is undoubtedly a great acquisition, and well worthy of extensive cultivation.....	25
STATICE. Half-hardy, free-flowering, showy plant, of easy culture.	
BONDUELLI. Deep golden yellow flowers; 1½ ft.....	10
INCANA HYBRIDA ALBA. Small white flowers; fine for <i>Grass Bouquets</i> ; perennial.....	
SINUATA. Purple and yellow flowers; 1 ft.....	10
SINUATA HYBRIDA MIXED.....	10
SPICATA. Fine for beds, edgings, or pot-culture; early flowering, producing numerous ear-like spikes of rosy pink flowers.....	10
WAITZIA. Handsome half-hardy plants, bearing their flowers in clusters; of easy culture, thriving in any good soil; 1½ ft.	
AUREA. Bright yellow flowers.....	20
CORYMBOSA. Flowers of a lively red color with yellow disk; 1 ft..	20
GRANDIFLORA (New). The finest and hardest, flowers large golden yellow.....	20
XERANTHEMUM. Showy double free-flowering border plants, doing well in any garden soil; 2 ft.	
IMPERIAL. Flowers deep purplish violet.....	10
PURPLE. WHITE and MIXED.....each	5



1. XERANTHEMUM.
2. AMMOBIUM ALATUM.
3. HELICHRYSUM.
4. ACROCLINIUM.

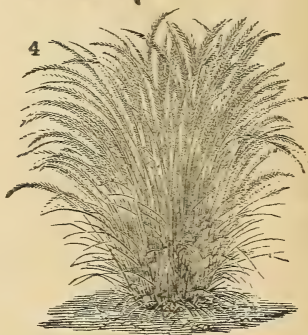
5. RHODANTHE.
6. GOMPHRENA.
7. HELIPTERUM SANFORDI.
8. STATICE SINUATA.

SEEDS OF ORNAMENTAL GRASSES.

These form a beautiful and attractive addition to the Garden; their graceful forms and refreshing green colors giving a pleasing relief to the brilliancy of the more showy occupants of the flower borders. When carefully dried, they are useful in making up winter bouquets, etc.

Cut when in full bloom, and before the flower gets too old, tie in small bunches and hang up in a dry, dark place, with their heads downwards. They are nearly all annuals, and those which are not should be marked so they will not be destroyed for weeds.

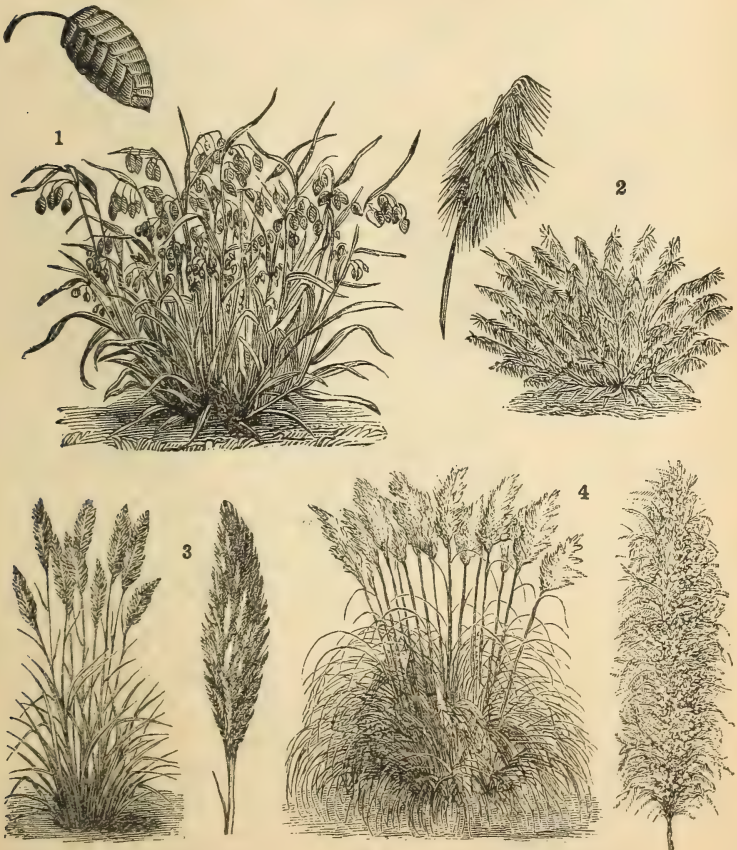
	Per packet.
AGROSTIS. All the varieties of this class are exceedingly beautiful and graceful; of dwarf growth; 1½ ft.	
PULCHELLA. NEBULOSA. MIXED.....each	5
ANTHOXANTHUM GRACILE. Graceful and pretty; 6 in.....	10
ARUNDO CONSPICUA. A variety similar to the Pampas, with long graceful drooping leaves, and silvery plumes, on stems 10 ft. high; fine for specimens on lawns; hardy perennial.....	20
AVENA STERILIS (<i>Animated Oats</i>). With pretty, large, drooping spikes, on slender stems; 2 ft.....	5
BRIZA COMPACTA. An erect, compact variety of Quaking Grass; also known as Rattlesnake Grass; 1 ft.....	5
GRACILIS. Small, delicate and graceful racemes; 1 ft.....	5
MAXIMA. Large Quaking Grass; beautiful rattles; 1 ft.....	5
BROMUS BRIZÆFORMIS. A graceful variety, with drooping panicles resembling the Briza Maxima; hardy perennial; 1½ ft..	5
CHLORIS TRUNCATA. Fine silvery plumes, with abundant foliage; elegant for bedding in groups; 2 ft.....	5
CHRYSURUS CYNOSUROIDES (<i>Lamarkia Aurea</i>). Dwarf, with yellowish feathery spikes, useful for bouquets; ½ ft.....	5
COIX LACHRYMÆ (<i>Job's Tears</i>). With broad, corn-like leaves; half hardy; 2 ft.....	5
ELEUSINE BARCINONENSIS. Curious, with stems resembling horns; elegant for pot culture; 1 ft.....	10
ERAGROSTIS (<i>Love Grass</i>). Exceedingly pretty and ornamental; a favorite and graceful grass; 2 ft.	
ELEGANS. MIXED.....each	5
ERIANTHUS RAVENNÆ. A hardy perennial, noble grass, with exquisite white plumes resembling the Pampas Grass. Fine for lawns if planted in clumps. Flowers the first season from seed if sown very early in the green-house or hot-bed; 7 ft.....	10
EULALIA JAPONICA. A new and distinct, perfectly hardy perennial, ornamental, easily cultivated grass from Japan. It has long narrow leaves, striped white and green; elegantly recurved flower-spikes of a light violet color, not unlike a curled ostrich feather, born on stems 6 ft. high.....	25
FESTUCA RIGIDA. A curious dwarf variety; fine for bouquets..	5
GYNERIUM ARGENTEUM (<i>Pampas Grass</i>). Half-hardy perennial; will stand out over winter, if protected with straw or leaves; the most noble grass in cultivation; with silvery plumes on stems from 6 to 10 ft. high.....	10
ARGENTEUM FOLIIS VARIEGATIS. With variegated foliage; and flowering in large silvery plumes; 8 ft.....	10
ARGENTEUM CARMINATUM RENDATLERI. Immense silvery plumes, tinged with pink; 10 ft.....	25
HORDEUM JUBATUM (<i>Squirrel Tail Grass</i>). Very handsome and lovely purple plumes; 3 ft.....	5
ISOLEPSIS GRACILIS. Half-hardy, perennial; dwarf, very graceful, suitable for baskets, vases, etc.; ½ ft.....	20
LAGURUS OVATUS (<i>Hare's Tail Grass</i>). Beautiful small white heads or spikes of bloom; 1 ft.....	5



1. HORDEUM JUBATUM.
2. BROMUS BRIZEFORMIS.
3. AGROSTIS PULCHELLA

4. STIPA PENNATA.
5. LAGURUS OVATUS.
6. BRIZA GRACILIS.

LASIAGROSTIS ARGENTEA. A beautiful silver-white grass, fine for bouquets; hardy perennial,	5
MILIUM MULTIFLORUM (<i>Pearl Grass</i>). A very graceful variety	5
PENNISETUM LONGISTILUM. A very graceful plant; 1½ ft...	5
PHALARIS ARUNDINACEA. A variety of Ribbon Grass; hardy perennial; 3 ft.....	5
STIPA PENNATA (<i>Feather Grass</i>). Hardy perennial plant with beautiful delicate white feathery grass; flowering the second season from seed. The seed being slow to vegetate, it should be started in a hot-bed; 2 ft.....	10
ELEGANTISSIMA. A superb variety; fine for pot or border-culture..	10
UNIOLA LATIFOLIA. A beautiful hardy perennial grass; flowering in large panicles; 4 ft.....	5



1. BRIZA MAXIMA.
2. CHRYSURUS CYNOSUROIDES.

3. ERIANTHUS RAVENNE.
4. PAMPAS GRASS.

SEEDS OF GREEN-HOUSE PLANTS.

The following varieties can be grown successfully from seed, by proper care and attention. For method of sowing, etc., refer to pages 45, 46, and 47. The varieties with an * are suitable for bedding out during the summer.

Per packet.

*ABUTILON (<i>Chinese Bell Flower</i>). Plants of strong growth and easy cultivation; free-flowering, with various-colored, drooping bell-shaped flowers; 2 to 6 ft.	
FINE MIXED VARIETIES.....	25
ACACIA. A genus of great elegance and immense variety; fine ornamental foliage; beautiful racemes of yellow flowers. Soak the seed in warm water before sowing.	
FINE MIXED VARIETIES.....	25
*AGAPANTHUS UMBELLATUS (<i>Blue African Lily</i>). Bulbous-rooted, with evergreen foliage and large heads of small blue flowers, blooming in succession, on stalks 3 ft. high.....	25
AMARYLLIS HYBRIDA. Beautiful bulbous-rooted plants, producing from two to four of the richest colored crimson, scarlet, and white-striped, lily-like flowers, on a stalk; 1 ft. high.	
FINE MIXED VARIETIES.....	25
ARDISIA CRENULATA. An evergreen shrub, with beautiful small red berries, remaining in perfection all winter.....	25
ASCLEPIAS CURASSAVICA. Singular scarlet flowers.....	20
*AURICULA. From splendid choice varieties, mixed.....	25
AZALEA INDICA. Beautiful shrubby plants, saved from a collection of large showy flowers; 2 to 4 ft.; finest mixed.....	25
BEGONIA HYBRIDAS. Beautiful varieties of Rex, etc., variegated foliage, choice mixed.....	25
*BEGONIA (<i>New hybrid, tuberous-rooted</i>). These splendid varieties, growing 12 to 18 in. high, of a branchy habit, are covered the whole summer with bright and elegant flowers; blooming the first season from seed. Tubers to be taken up and kept in dry sand during the winter from frost.	
BOLIVIENSIS. Large, orange-colored flowers.....	25
SEDENI. Clusters of bright carmine flowers; 3 in. in diameter...	25
VICTORIA. Bright carmine scarlet flowers, of compact growth...	25
VEITCHI. Flowers of the richest scarlet.....	25
FROEBEL. This new variety was awarded a Medal at the Cologne Exhibition. Flowers of bright scarlet formed in large clusters above the foliage.....	50
CALCEOLARIA. Superb plants, of a highly ornamental character, and universal favorites for the decoration of the greenhouse or conservatory. For sowing of seed and cultivation, see pages 46 and 47.	
HYBRIDA GRANDIFLORA. Superb, large, rich, self-colored flowers; saved from a choice collection; mixed colors.....	50
HYBRIDA. Large spotted or tigered flowers; mixed colors.....	50
HYBRIDA NANA. Superb, dwarf; spotted flowers; mixed.....	50
*RUGOSA (<i>Shrubby</i>). Bedding varieties; finest mixed colors.....	50
*CHAMÆPEUCE DIACANTHA (<i>Ivory Thistle</i>). A rare ornamental foliage, biennial Carduinea, with long leaves thickly set with spines, symmetrically arranged. The mid-rib of the leaves and spines are of ivory-white and the glossy green of the leaves is shaded by a snowy down; 2 ft.....	10
CASABONÆ (<i>Fish-bone Thistle</i>). Glossy green leaves, with white nerves and brown spines; half-hardy perennial; 1 ft.	10

1



2



3



4



5



1. AURICULA.

2. CHAMAEPEUCE DIACANTHA.

3. DOUBLE CINERARIA.

4. CYCLAMEN.

5. BEGONIA (Tuberous-rooted Hybrids).

	Per packet.
CINERARIA (<i>Cape Asters</i>). A favorite green-house plant; blooming during the winter and spring months. Our collection is very choice. For culture, see page 47.	
HYBRIDA. Splendid mixed varieties, all colors.....	25
HYBRIDA NANA. Splendid dwarf compact varieties, mixed.....	25
FLORE-PLENO (<i>New Double Cineraria</i>). The beginning of a race of plants which for cut flowers will be unsurpassed. All the colors of the single exist in this new double variety.....	1 00
*CLIANTHUS DAMPLERI (<i>Glory Pea</i>). A beautiful climber, with elegant foliage, and brilliant, rich scarlet, long, pea-shaped flowers, 3 in. in length; each flower picturesquely marked with a large, black blotch in front. When planted out doors, it requires a dry, warm, sandy soil, and should be watered sparingly.	20
GERMAN FLAG. Flowers crimson, black and white, hence its name.	50
*COLEUS. One of the most beautiful of our variegated foliage plants. Saved from our fine collection; mixed varieties.....	25
CYCLAMEN. Charming bulbous-rooted plants, with beautiful foliage; universal favorites for the green-house or parlor and for winter and spring blooming; 6 in.	
PERSICUM. Flowers white and pink.....	25
PERSICUM ATRO-RUBRUM. Dark crimson; large flowering.....	25
PERSICUM ALBUM. Pure white flowers.....	25
*ERYTHRINA (<i>Coral Plant</i>). Ornamental and effective plants for out-door summer decoration, with beautiful foliage and superb spikes of flowers. The seeds should be soaked in warm water for several days before planting; 5 ft.	
CRISTA-GALLI. Scarlet flowers.....	25
HENDERSONI. Rosy vermilion; very splendid.....	25
LAURIFOLIA. Scarlet; showy flowers.....	25
FERNS. These ornamental and graceful plants are too well known to require any description. Are very desirable for Wardian cases or ferneries. They delight in peaty, sandy soil.	
ADIANTUM PUBESCENS. Maiden-hair Fern.....	25
ADIANTUM SESSILIFOLIUM. Maiden-hair Fern, with tripinnate and arching fronds, the pinnæ delicate and light green.....	25
GYMNOGRAMMA SULPHUREA. Golden Fern, with dwarf slender fronds, bipinnate; the pinnæ set rather distant.....	25
GYMNOGRAMMA TARTAREA. Silver Fern, with handsome long fronds, bipinnate; the pinnæ with obtusely rounded lobes.....	25
PTERIS ARGYREA. Variegated Fern, with long fronds, the pinnæ pinnatifid, the lower pair bipartite; color silvery white with light green margin.....	25
PTERIS CRÉTICA ALBO-LINEATA. Variegated Fern, with long fronds, pinnate, the pinnæ having a white band through centre.	25
PTERIS PALMATA. Dwarf and compact, fronds 1 ft. high, 4 in. wide, deeply palmate, and bright green.....	25
PTERIS SERRULATA. Fronds pinnate, pendulous; the pinnæ of a light green color.....	25
LOMARIA GIBBA. A dwarf green-house Tree Fern, of the most elegant and graceful growth; adapted for every purpose.....	25
LOMARIA CILIATA. A variety of Tree Fern with elegant foliage.	25
CHOICE MIXED VARIETIES.....	20
FUCHSIA (<i>Lady's Ear-drop</i>). Saved from the finest single and double named varieties; mixed.....	50
*GERANIUM ZONALE. A superb strain of the largest and finest varieties; saved from a choice collection; mixed.....	20
ZONALE VARIEGATED. Gold, bronze, and tricolored varieties; saved from a celebrated collection; mixed.....	50
PELARGONIUM. Mixed, from the finest fancy and spotted varieties; of large flowering sorts.....	50



1. CALCEOLARIA, HYBRID SPOTTED.
2. HELIOTROPE.
3. LAGERSTRÆMIA.

4. LOMARIA (Tree Fern).
5. CLANTHUS.

	Per packet
GERANIUM, APPLE-SCENTED (<i>Pelargonium odoratissimum</i>). This delightfully fragrant and favorite variety can only be grown from seed, to form a nice plant. Soak the seed 12 hours, and sow in light soil, keeping them moist until they germinate. Five packets for one dollar.....	25
GESNERIA. Beautiful hot-house, bulbous-rooted plants, producing brilliant colored spikes of flowers; choice mixed; 2 ft.....	25
GLOXINIA. A choice bulbous-rooted plant, producing in great profusion its bell-shaped flowers, of the richest and most beautiful colors, during the summer months; the bulbs must be kept warm and dry during the winter.	
CRASSIFOLIA GRANDIFLORA ERECTA. Rich-colored, erect flowers; mixed colors.....	50
CRASSIFOLIA GRANDIFLORA HORIZONTALIS. Rich-colored, horizontal flowers; mixed colors.....	50
CRASSIFOLIA GRANDIFLORA PENDULA. Rich-colored, drooping flowers; mixed colors.....	50
HYBRIDA GRANDIFLORA. Choice drooping, erect and pendulous, large flowering varieties; mixed.....	25
*GUNNERA SCABRA. Showy, ornamental foliage plant; leaves of immense size; flowers greenish yellow; 2 ft.....	25
*HELIOTROPIUM. Flowering during the whole season, and its delightful perfume makes it a most desirable bouquet flower.	
PERUVIANUM. Light purple.....	10
TRIOMPHE DE LIEGE. Large; pale lavender.	10
ROI DES NOIRES. Very dark purple.....	10
VOLTAIRIANUM. Dark purple.....	10
CHOICE MIXED VARIETIES.....	10
KENNEDYA. Handsome and highly ornamental climber. Soak the seed in warm water before sowing. Fine varieties, mixed...	25
*LAGERSTROMIA INDICA (<i>Crape Myrtle</i>). A beautiful free-flowering shrub, with pink flowers. Hardy south of Philadelphia.	20
LAPAGERIA ROSEA. A fine herbaceous twiner, like the Smilax, with large rosy flowers, like Bomarea.....	25
*LANTANA. One of the most desirable bedding plants, constantly in bloom, and changing in hue. Seed saved from our fine collection of named varieties.....	10
LAURUS NOBILIS (<i>Sweet Bay Tree</i>).....	10
MANDEVILLEA SUAVEOLENS. An evergreen climber, with large white fragrant flowers.....	25
MYRSIPHYLLUM ASPARAGOIDES (<i>Smilax</i>). A beautiful and graceful climber, none surpassing it for its glossy deep green, wavy and most delicate foliage; fine for vases and baskets; also desirable to use with cut flowers.....	20
*MUSA ENSETE. The noblest of all plants is this great Abyssinian Banana. The fruit of this variety is not edible, but the leaves are magnificent, long, broad, and massive, of a beautiful green, with a broad crimson mid-rib; the plant grows luxuriantly from 8 to 12 ft. high. It is used with success in the parks of Europe, and our experience last summer on our own grounds, proves that it stands the rain and storms without laceration. In our hot summers it luxuriates and attains gigantic proportions, producing really a tropical appearance, and should find a place in every collection, where there is a conservatory or green-house, for planting therein during the winter, from the fact of its presenting an ornamental appearance among the other plants; and being easily removed, presents the same grand effect on the lawn, terrace, or flower-garden, when bedded out in the summer. Those not having the above convenience, by cutting the leaves off, can store it in a light cellar during the	



1. *TROPAEOLUM LOBBIANUM.*
2. *GLOXINIA HYBRIDA.*

3. *PRIMULA SINENSIS FIMBRIATA.*
4. *PRIMULA JAPONICA.*

Per packet

winter, with a covering of soil, or planted in a tub, water sparingly. Our correspondent assures us that the seed this season is of exceptionally good quality, germinating freely if started in a hot-bed or on bottom heat in the green-house. The seed now offered are at a moderate price, which heretofore has been so high as to prevent its dissemination to any great extent. Packets containing four seeds.....	3 00
NERIUM OLEANDER. A splendid flowering shrub; mixed colors.	20
PHORMIUM TENAX (<i>New Zealand Flax</i>). An ornamental plant, with long sword-like evergreen foliage; fine for vases, etc.....	25
PRIMULA SINENSIS FIMBRIATA (<i>Fringed Chinese Primrose</i>). A charming and profuse flowering plant, indispensable for winter or spring decoration in the conservatory or green-house. The seed we offer is saved from one of the finest collections, and always gives satisfaction. For culture, see page 47.	
PUNCTATA ELEGANTISSIMA. A new variety, flowers dark velvety crimson; edges spotted with white.....	50
KERMESINA SPLENDENS. Very large flowers, brilliant, velvet-like crimson, with yellow eye.....	50
ERECTA SUPERBA. Large brilliant rosy vermillion.....	50
ROSEA. Rose-colored. ALBA. Pure white.....	25
ALBA RUBRA STRIATA. White, red-striped.....	25
CHOICE VARIETIES. Mixed colors.....	25
PRIMULA SINENSIS FIMBRIATA FLORE-PLENO. The following double Chinese Primroses are very fine and strongly recommended, as they reproduce themselves, true, from seed.	
KERMESINA. Double, crimson.....	50
ALBA. Double, white.....	50
PRIMULA JAPONICA (<i>New Japanese Primrose</i>). Styled in England the "Queen of the Primroses," and is perfectly hardy there. The leaves resemble those of the English Primrose, but are about three times the size; the flowers are produced on a tall scape in whorls; the seed takes a long time to germinate, and requires great care and constant attention.	
KERMESINA. Rich, rosy purple, with a dark eye.....	25
ALBA. Pure white, with an orange-colored eye.....	25
PASSIFLORA (<i>Passion Flower</i>). Magnificent ornamental climbers, flowers attractive and varied, produced in great profusion and of long duration; choice varieties, mixed.....	20
*SALVIA (<i>Sage</i>). Favorite ornamental bedding plants, loaded with spikes of scarlet, white, and blue flowers, being produced in great profusion from July to October.	
SPLENDENS. Vivid scarlet; 3 ft.....	10
SPLENDENS FLORE ALBO. A new white-flowered vigorous grower, like the old Scarlet Sage; 3 ft.....	25
PATENS. Superb deep blue; 3 ft.....	25
COCCINEA. Scarlet, free-bloomer; half-hardy annual; 2 ft.....	10
ARGENTEA. Beautiful silvery foliage, and spikes of white flowers; 3 ft.....	10
TACSONIA VAN VOLXEMI. A beautiful green-house climber, having flowers about 5 in. in diam., of the richest scarlet, flowering abundantly almost the whole year. Half-hardy perennial.	25
TROPEOLUM LOBBIANUM. These varieties of beautiful climbers bloom freely during the winter months in the green-house or conservatory.	
COULEUR DE BISMARCK. Flowers of a singular Bismarck brown, very striking and distinct.....	20
CAROLINE SCHMIDT. Deep scarlet.....	20
GEANT DES BATAILLES. Brilliant carmine.....	20
FINEST MIXED VARIETIES.....	10

SUPPLEMENTARY LIST

OF VARIETIES OMITTED IN THE LISTS UNDER THEIR RESPECTIVE HEADS, AS WELL AS

NOVELTIES OF 1877-'78.

The descriptions of the Novelties are as given by their respective growers.

Per packet.

ABUTILON DARWINI. A new constant green-house bloomer, producing three to five flowers from the axils of the leaves; flowers large, buff yellow, veined with crimson. Fine for bedding out in the summer; height 2 ft.....	25
ABRONIA FRAGRANS. This new variety forms a large branching tuft from 1 to 2 ft. high. The flowers are produced in umbels of pure white the whole season, and fully expand after 4 p. m., when they emit a vanilla-like perfume.....	25
ACONITUM NAPELLUS (<i>Monk's Hood</i>). A hardy perennial, grows in any good soil, in sun or shade; flowers blue; height 4 ft.....	10
ALONSOA LINIFOLIA. Flax-leaved variety, grows 1½ ft. high, bushy and compact, with pretty dark-green foliage, and covered with light-scarlet flowers. Planted in masses, it produces a beautiful effect; half-hardy.....	20
MYRTIFOLIA. Myrtle-leaved variety, grows 2½ ft. high, vigorous and floriferous. Flowers are larger and of intenser scarlet than Linifolia. Of great service for large beds; half-hardy.....	20
ALSTROEMERIA CHILENSIS (<i>Pulchella</i>). Beautiful, free-flowering, tuberous-rooted plants, 1½ ft. high; do best in a southern exposed sheltered position, or for the green-house. Half-hardy perennial. Choicest mixed varieties from Chili.....	20
AMARANTHUS HENDERI. Of graceful pyramidal growth and long drooping leaves, 3 to 5 ft. high, producing a sub-tropical effect; the leaves are brown, madder, and bronze; half hardy..	10
ANEMONE FULGENS (<i>Scarlet Windflower</i>). This new plant is little known; few plants can compete with it in beauty and brilliancy of color early in the spring, when it blooms. Flowers large, dazzling vermilion, valuable for bouquets, a hardy bulbous-rooted plant.....	20
AQUILEGIA CHRYSANTHA (<i>Golden Spurred Columbine</i>). Hardy perennial, a strong grower, forming bushy plants 4 ft. high, producing all summer an abundance of bright golden-yellow flowers.....	20
OLYMPICA. A vigorous growing and beautiful hardy perennial plant, flowers of a rich blue, with white-edged lip.....	20
ARDESIA CRENULATA ALBA. A beautiful green-house evergreen shrub, covered with white berries, remaining on the plant all winter.....	25
ASPERULA AZUREA SETOSA. A hardy dwarf annual, 1 ft., profuse bloomer, with clusters of small light blue sweet-scented flowers, fine for bouquets.....	10
AZALEA PONTICA. A beautiful hardy perennial shrub, from the Levant, height 4 ft. Choice mixed varieties.....	25
ASTER, CELLULAR VICTORIA CRIMSON. A glowing rich color, of this beautiful new class, of recent introduction.....	20
GOLIATH. This splendid, large-flowering variety is much admired, blooms profusely, of robust habit; mixed colors.....	20
MONT BLANC (Goliath). The largest flowering; produces pure white flowers 5 inches in diameter; extra double.....	20

	Per packet.
ASTER.—SHAKESPEARE. A globe-flowered Dwarf-Aster, beautifully imbricated; globular flowers, mixed colors.....	10
WASHINGTON. This class originated from the Victoria. The flowers are larger and of a globular form. WHITE, pure white; PEACH-BLOSSOM, with a delicate tint, each.....	20
BALSAM, EXTRA DOUBLE WHITE. This is the finest strain of double white Camelia Balsams ever before introduced, and the most profitable for florists' use.....	20
BROWALLIA ROEZLI. This new and distinct variety, from the Rocky Mountains, forms dense, compact bushes, about 18 inches high, covered with a succession of bloom the entire summer, of white and blue, while the flowers are nearly double the size of the old sorts, and splendid for bedding.....	25
CALCEOLARIA, WILLIAMS' SUPERB STRAIN. The features of this strain are dwarf, robust, and strong constitution, producing immense trusses of large and varied colored flowers.....	50
CAMPANULA SPECULUM PROCUMBENS (<i>Venus' looking-glass</i>). A new hardy annual variety has been obtained, which comprise all the colors, blue, white, and lilac, of the parent family. The plants are 4 inches high, and 20 inches in diameter, forming charming compact bushes, completely studded with flowers, and continuing in bloom a long time; fine for massing or edgings. Mixed colors.....	20
CANDYTUFT, TOM THUMB WHITE (<i>Iberis Coronaria</i>). This new dwarf variety attains the height of 4 to 6 inches, and the side branches arrange themselves in a regular spherical manner around it, forming a complete round bush about 16 inches in diameter, covered with large white flower heads, of great substance, standing both heat and wet.....	25



NEW CARMINE. This splendid novelty is of dwarf compact habit, and presents a mass of carmine bloom..... 20

HYBRID DWARF MIXED. These elegant new dwarf hybrid varieties are very floriferous, and remarkable for their numerous and brilliant colored flowers..... 10



IBERIS SEMPERVIRENS.

PERENNIAL (*Iberis Semper-virens*). A profuse white-blooming hardy little plant, adapted for rockeries, baskets, etc., coming in flower early in the spring, and continuing a mass of beauty for a long time..... 10

CANNA. We offer seed this season of five new varieties of this very ornamental-foliaged, decorative, half-hardy, perennial, tuberous-rooted plant, now so popular. For other varieties see page 73.

COQUETTE. Foliage green and bronze, large orange flowers; 6 ft.. 25

MONS. ALLEGATIER. Foliage large, green and bronzy purple, very large orange-red flowers; height 4 ft..... 25

ORNEMENT DU GRAND ROND. Foliage bronzy green, large scarlet flowers; height 6 ft..... 20

PRESIDENT FAIVRE. Foliage splendid bronzy maroon, large brilliant crimson flowers; height 6 ft..... 20

	Per packet.
CANNA.—SUPERBA. Foliage large dark green, orange-crimson flowers; height 5 ft.....	25
CELOSIA CRISTATA, PRESIDENT THIERS. A new dwarf variety, growing from 6 to 8 inches high, producing large splendid crimson combs.....	20
JAPONICA (<i>Japanese Cockscomb</i>). A distinct variety. Combs brilliant scarlet, cut and ruffled like lace; half-hardy.....	10
JAPONICA, NEW CRIMSON. A new variety of the above, with bright crimson ruffled combs.....	10
JAPONICA VARIEGATA. The plants forming handsome pyramids 2 ft. high, are adorned with striped combs of brilliant yellow and purple carmine.....	20
HUTTONI. Of a bushy pyramidal habit, each branch being tipped with a small spike of bright crimson flowers; the upper surface of the leaf being of a deep claret color, while the under side is of a bright crimson shade. A splendid bedding plant, and suitable for ribbon beds; height 3 ft.; half-hardy.....	20
CINERARIA, WETHERILL'S EXTRA CHOICE STRAIN. Of robust dwarf branching habit, flowers large and beautiful colors.	50
CLIANTHUS DAMPERI, or "German Flag." This beautiful three-colored novelty comes true from seed. The upper part of the flower is dazzling crimson, the centre black, and the lower part white, forming the German national colors, hence its name. It has been used with success as a bedding plant, trained as a Verbena, covering a space of 5 ft.; half-hardy. Start the seed between thick moist cotton, keeping it very warm until the seed germinates, then pot in very small pots, in a mixture of $\frac{1}{2}$ leaf mould, $\frac{1}{4}$ compost, and $\frac{1}{4}$ sand, keeping them near the light and very warm until fairly started, then harden off, plant out in a sheltered sunny position before the plant becomes pot-bound, then water freely. Cold and moisture are death, while heat and moisture are life to the Clianthus. Prepare the soil outside as given for pot culture.....	50
CONVOLVULUS MINOR (<i>New Crimson Violet</i>). The flowers are striking, having a bright yellow eye, encircled with snowy white, and broadly margined with rich crimson violet.....	10
CUPHEA ROEZLI GRANDIFLORA SUPERBA. This new variety from South America forms a pyramidal-shaped plant $3\frac{1}{2}$ ft. high, covered with red blossoms during the winter. Fine for room culture or the green-house.....	25
CYCLAMEN PERSICUM GIGANTEUM. This large-flowering green-house novelty now offered has beautiful mottled leaves, stout flower stalks, throwing the flowers above the foliage; pure white, with a violet-purple eye and broad petals.....	50
EUPHORBIA PANDURATA. A new fine bushy border plant, with beautiful red striped foliage.....	10
FERN. The following varieties are all very choice for the house or green-house:	
ADANTUM TRAPEZIFORME. A rhomb-leaved rare Fern, of the Maiden Hair variety.....	25
ADANTUM CONCINNUM LATUM. A robust growing variety of the Maiden Hair Fern, fronds 1 to 2 ft. long, tripinnate, glabrous, stipes black; useful for cutting.....	25
ALSOPHILA AUSTRALIS (<i>Australian Tree Fern</i>). A noble variety, rising upon a stem some 20 ft. high, with fronds from 6 to 12 ft. long, light green; stipes and rachis muricate, the base covered with brown scales.....	25
JAPANESE (<i>Athyrium Goringianum Tricolor</i>). A new nearly hardy variegated variety, very rich in the coloring of its fronds.	25

FERN.—NEPHROLEPIS DAVALLIOIDES FURCANS. A new ornamental variety from Java, of strong growth, with long, deeply-crested fronds, of a bright glossy green color.....	25
PTERIS RUBRA VENIA. A new and rare red-veined variety, similar to Tricolor; very robust and hardy.....	25
PTERIS TRICOLOR. A new variegated Fern of great beauty, with long fronds; color crimson, with light green margin.....	25
LYGODIUM SCANDENS (<i>Japanese Climbing Fern</i>). A graceful climber, growing to an indefinite length, pinnæ palmately lobed, fruiting spikelets on the apex of each lobe, giving it a beautiful appearance. It grows as easily as the Smilax, and is used for the same purpose. It forms charming festoons when grown as a window plant.....	25
GERANIUM, ZONALE DOUBLE MIXED. Fertilized by one of the first growers on the continent; this seed will produce a large percentage of double flowers.....	50
MASTER CHRISTINE. The best pink, zonale bedding variety.....	25
PEPPERMINT-SCENTED. A favorite sweet-scented foliage plant...	25
GLAUCIUM CORNICULATUM (<i>Horn Poppy</i>). An ornamental foliage plant, with long, velvety, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets. Of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial...	20
HUNNEMANNIA FUMARIEFOLIA. Half-hardy perennial herbaceous plant, with handsome yellow tulip-like flowers; 2 ft.	10
LOASA HISPIDA. An erect variety, with long dark-green pinnated leaves, height 3 ft. Flower-stalks 2 ft., producing a number of yellow and white blossoms; for pot or out-door culture...	20
LOBELIA HETEROPHYLLA. A new strain; of upright growth, abundant bloomers, height 15 inches, mixed, white and blue...	20
ERINUS, EMPEROR WILLIAM. A new trailing variety for vases, edgings, etc., with fine sky-blue flowers.....	20
ERINUS, SPECIOSA ALBA MAXIMA. This new variety is the largest-flowered of all the Erinus species, with showy white flowers, of drooping and spreading habit.....	20
LYCHNIS SPECIOSA. A new hybrid hardy perennial variety, with a great variation of colors.....	20
MESEMBRYANTHEMUM CORDIFOLIUM VARIEGATUM. A green-house herbaceous plant, with handsome variegated foliage, for summer bedding, in groups or edgings, and baskets.	20
MIGNONETTE, DWARF COMPACT. A robust variety, 10 in. high and 18 in. in diameter, covered with reddish-tinted flowers.	10
PYRAMIDAL BOUQUET. A pyramidal variety, with dark green leaves and large spike of intense red flowers.....	10
NEW HYBRID SPIRAL. This new Mignonette is superior to any other in cultivation, being dwarf and branching, with spikes from 8 to 14 in. long, very fragrant, hardier, and adapted for market purposes.....	25
MIRABILIS MULTIFLORA. This new variety differs from the common Marvel of Peru by its diffuse trailing habit; it flowers in clusters, funnel-shaped, of a mauve-purple. Blooms the first summer if sown early; hardy perennial.....	25
MYOSOTIS DISSITIFLORA. Of compact habit, profuse bloomer, and appearing like a sheet of most exquisite blue; a fine attractive spring bedding plant; half-hardy perennial.....	20
SEMPERFLORENS. A charming dwarf Forget-me-not, thriving equally well in sun or shade; continuing in bloom the whole season, with beautiful blue flowers; fine for bouquets.....	20



PETUNIA GRANDIFLORA FIMBRIATA, FL. PL. (New).

Per packet.

- PETUNIA, GRANDIFLORA FIMBRIATA, FL. PL.** This new strain of large-flowering, double fringed Petunias are of the richest and most delicate tints of the finest carnations, and perfect double flowers; the result of most careful fecundation with the largest blooms of the single fringed varieties, and cannot fail of giving satisfaction in at least of one-fourth of fine double seedling plants. The seed we offer is of our own growth, and can fully be relied on. 25
- MACULATA GRANDIFLORA.** This new strain is of the largest size; flowers white, maculated with rose, purple, and crimson.. 25
- MARGINATA GRANDIFLORA.** Large-flowered, of various shades and colors, bordered with a distinct belt of green..... 20
- HYBRIDA VENOSA.** Veined varieties, of the finest colors; mixed. 20
- GRANDIFLORA SUPERBISSIMA.** This splendid novelty has large attractive flowers; the coloring of the veined throat extends to the middle of them; the colors are rose, crimson, and purple... 25
- PHLOX DRUMMONDI GRANDIFLORA.** This improvement is of a stronger compact growth, larger flowers, with white centres, admirably relieved by a dark violet eye; beautiful colors, mixed. 10
- DRUMMONDI, HEYNOLDI CARDINALIS.** A choice dwarf variety, with large beautiful deep-scarlet flowers..... 10

PHLOX.—DRUMMONDI, HEYNOLDI PERFECTION. This differs from the others in its particularly dwarf and compact habit of growth, not exceeding 5 in. in height, forming globular-shaped plants, which are literally covered with beautiful coppery-scarlet flowers, being adapted for ribbon lines and massing.....	25
PRIMULA SINENSIS FLORE PLENO, PRINCE ARTHUR. This new double variety is of an exquisite carmine-crimson, pyramidal form, profuse bloomer and vigorous habit.....	1 00
WILLIAMS' SUPERB STRAIN. This strain of <i>Primula Sinensis</i> <i>Fimbriata</i> is universally admired by all who grow them, as the finest varieties ever before introduced.....	50
PYRETHRUM, GOLDEN GEM. A valuable bedding plant, producing large double white flowers, which continue in bloom from May until killed by frost; the leaves are brighter than the old Golden Feather, and also fine for ribbon beds if the flowers are removed.....	10
DOUBLE WHITE, NEW CURLED (<i>Matricaria eximia</i> fl. pl. <i>crispa</i>). This charming new plant surpasses the old varieties in beauty of bloom, as well as the foliage being densely crisp, like the "Fern Leaf Parsley," but even finer, particularly the young leaves appearing like velvet; fine for ribbon beds if the flowers are removed.....	25
RICINUS GIBSONI. A new variety of this useful group of sub-tropical plants; 5 ft. high, of branching habit, and differs from all other varieties by its intense deep red-colored foliage.....	10
DUCHESS of EDINBURGH. A bronzed-leaved variety, 5 ft. high, of compact habit; for groups or specimens, its rich reddish purple foliage will produce a beautiful sub-tropical effect.....	10
SPECIES FROM PHILIPPINES. A new variety from the Philippine Islands, with beautiful gigantic foliage, 10 ft.	10
SCHIZANTHUS PINNATUS, TOM THUMB. This is a new dwarf variety, 14 inches high, of pyramidal shape, and covered with pretty black-eyed purple flowers.....	20
TACSONIA INSIGNIS. This splendid plant is remarkable for its handsome foliage and magnificent flowers; of robust, free-flowering habit, a green-house evergreen climber, flowers measuring from 6 to 8 inches across, and hang in festoons on long pendant stalks, color crimson, purple shaded, whilst the mouth of the tube is adorned with incurved fringe filaments, which are blue mottled with white. Sow in heat in February or March; pot off singly as soon as the plants are large enough to be handled in a mixture of light rich soil, leaf-mould, and sand; 5 seeds.....	50
TOBACCO, VARIEGATED FOLIAGE. A new variegated leaved variety, with showy white and green foliage.....	10
TORENIA FOURNIERI. A very fine new annual variety, large, sky-blue flowers, with three spots of a dark blue, and a bright yellow centre. A splendid pot plant, or for growing out of doors.	25
TROPÆOLUM MAJUS, KING THEODORE. A new running variety, having bluish-green foliage and almost black flowers..	20
RUBY KING. A dwarf variety, pink shaded with carmine, contrasting beautifully with its dark foliage; of compact habit.....	10
TOM THUMB SPOTTED. Dwarf, beautiful spotted flowers.....	10
VERBENA HYBRIDA CANDIDISSIMA. This new variety is a decided improvement on the old White Verbena, producing large trusses of the purest white flowers, and invaluable to florists for cut flowers.....	50
VIOLA ODORATA ALBA. A single white violet, very fragrant; hardy perennial.....	10
ZINNIA DARWINI. A new and distinct section of <i>Double Zinnias</i> , of beautiful colors and very double, blooming until frost.....	20

FLOWER SEEDS IN ASSORTMENTS.

The following are principally imported from Europe, and will be found very choice. They are sold in the original packages at the prices named. Each variety or color separate in the package :

	Varieties.	Per packet.
ANTIRRHINUM, FINEST TALL.....	8	\$0.75
ANTIRRHINUM, FINEST DWARF.....	6	.50
ASTERS, FINEST QUILLED.....	18	1.00
FINEST QUILLED.....	12	.75
TRUFFAUT'S PÆONY-FLOWERED PERFECTION.....	12	1.00
TRUFFAUT'S IMBRICATED POMPONE.....	12	1.00
VICTORIA.....	12	1.00
DWARF BOUQUET.....	10	1.00
GIANT EMPEROR.....	8	1.00
LARGE-FLOWERED ROSE.....	10	1.00
COCARDEAU, OR CROWN.....	6	.50
GOLIATH (New).....	6	1.25
OF DIFFERENT SORTS.....	12	1.00
BALSAM, DOUBLE CAMELLIA-FLOWERED.....	16	1.00
DOUBLE CAMELLIA-FLOWERED.....	6	.50
NEW FRENCH ROSE-FLOWERED.....	12	1.00
CANNA. Beautiful foliage plants.....	12	1.00
CANNA. Beautiful foliage plants.....	6	.50
CARNATION. Finest varieties.....	12	1.50
FERNS, choice varieties.....	16	2.00
FERNS, choice varieties.....	8	1.00
GREEN-HOUSE PLANTS, choice selection.....	25	3.00
GREEN-HOUSE PLANTS, choice selection.....	12	2.00
HOLLYHOCKS, superb double English.....	12	1.25
HOLLYHOCKS, superb double English.....	6	.65
IMMORTELLE, or Everlasting Flower.....	25	1.50
IMMORTELLE, or Everlasting Flowers.....	12	.75
LARKSPUR, DWARF ROCKET.....	10	.50
DOUBLE STOCK-FLOWERED.....	8	.50
NASTURTIUM (<i>Tropæolum</i>). Dwarf varieties.....	10	.75
ORNAMENTAL-LEAVED PLANTS.....	12	1.00
GOURDS.....	25	1.50
GRASSES.....	12	.75
PETUNIA, splendid sorts.....	12	1.25
DOUBLE EXTRA FINE.....	12	1.50
INKS, splendid sorts.....	12	1.00
PHLOX DRUMMONDI.....	16	1.00
PHLOX DRUMMONDI.....	8	.50
PORTULACA, NEW DOUBLE.....	10	1.00
SINGLE.....	10	.50
POPPY, Double Carnation.....	10	.50
PÆONY-FLOWERED.....	10	.50
PRIMULA SINENSIS.....	12	2.00
PRIMULA SINENSIS.....	6	1.00
STOCKS, Large-flowered, Dwarf Ten-week.....	12	1.00
PERPETUAL FLOWERING, Ten-week.....	6	.50
EMPEROR, OR PERPETUAL.....	12	1.00
BROMPTON, OR WINTER.....	12	1.00
SWEET PEAS.....	6	.25
WALL-FLOWER, Fine German Double.....	12	1.25
ZINNIA ELEGANS, New Double.....	12	1.00

HARDY ANNUALS AND OTHER CHOICE FLOWER SEEDS BY WEIGHT.

The following are offered by the quantity, and are exceedingly showy and effective for massing in beds, borders, marginal lines, or ribbons; also as large groups for front effect in shrubberies, etc., and in covering large or blank spaces, or beds; at these prices not less than $\frac{1}{4}$ oz. of a kind, and are net to Florists. Other varieties also supplied.

	Per oz.
ACROCLINIUM ROSEUM. Rose.....	\$.50
AGERATUM MEXICANUM. Blue.....	1.00
ALYSSUM, SWEET. White.....	.75
AMARANTHUS. MELANCHOLICUS RUBER. TRICOLOR.....each	1.00
CAUDATUS. GIGANTEUS.....each	.50
ASTERS. Choice mixed German varieties.....	1.50
QUILLED. Mixed colors. PYRAMIDAL. Mixed colors.....each	1.50
PEONY-FLOWERED PERFECTION Mixed colors.....	4.00
BALLOON VINE.....	.60
BALSAMS. Dwarf, camelia-flowered. Mixed.....	2.00
Double rose-flowered. Mixed.....	2.00
Extra double white, pure white (best for florists).....	2.00
CACALIA. Scarlet and yellow mixed.....	1.00
CALLIOPSIS. DRUMMONDI. Mixed.....each	.50
CANDYTUFT. White. Purple. Crimson.....each	.50
COCKSCOMB. Mixed varieties.....	1.00
CONVOLVULUS MAJOR (<i>Morning Glory</i>). Mixed.....	.30
MINOR OR TRICOLOR. Purple, with white centre. Mixed. each	.50
CYPRESS VINE. Crimson. White. Mixed.....each	.80
DIANTHUS CHINENSIS. Extra double China Pink.....	1.00
ESCHSCHOLTZIA (<i>California Poppy</i>). Crocea. Mixed.....each	.50
GLOBE AMARANTH. Purple. White. Mixed.....each	.75
HELIANTHUS NANUS. Dwarf double Sunflower.....	.50
MAJOR, Common Sunflower.....per lb.	.50
RUSSIAN, Sunflower.....per lb.	.75
IPOMEEA COCCINEA. Star Morning Glory.....	.50
GRANDIFLORA SUPERBA. Mixed varieties.....each	.50
LARKSPUR. Dwarf rocket.....	.50
MARVEL OF PERU (<i>Mirabilis Jalapa</i>). Mixed.....	.40
MARIGOLD. French mixed. African mixed.....each	1.00
MIGNONETTE. Sweet-scented. Per oz. .25. Large-flowered.....	.4
NASTURTIUM. Tall crimson. Mixed.....each	
Dwarf mixed varieties.....	
PANSY. Dreer's Premium varieties mixed.....	10
Superb large varieties mixed.....	5
PHLOX DRUMMONDI. Choice varieties mixed.....	7
ALBA. ALBA OCULATA. LOUIS NAPOLEON.....each	.30
PETUNIA. Choice mixed hybrid varieties.....	2.00
Fine, mixed varieties.....	1.00
Dreer's Extra Choice Mottled and Striped varieties.....	16.00
POPPY. Choice mixed varieties.....	.50
PORTULACA. Choice mixed colors. Single.....	1.00
Extra Double Mixed.....	10.00
RICINUS. Mixed.....	.50
SCABIOSA (<i>Morning Bride</i>). SENSITIVE PLANT.....each	1.00
SALVIA SPLENDENS. Stocks Large-flowering 10 Week. Mixed. each	6.00
SMILAX. Graceful climber. American seed.....	3.00
SWEET PEAS. Choice colors mixed.....per lb.	\$1.50
THUNBERGIA. Five colors. Mixed.....each	.80
VERBENA. Extra choice mixed.....	5.00
VINCA ROSEA. ALBA. ALBA PURA. Mixed.....each	2.50
ZINNIA. Fine double varieties.....	1.00

BOUQUETS, CUT FLOWERS, ETC.

Among other evidences of refinement and demand for natural flowers for the decoration

culture is the increasing taste and demand of churches, dinner and supper tables, weddings, funerals, etc. Flowers are acceptable and suitable for every occasion. We having the facilities are prepared to execute orders for every kind of floral device or decoration, having daily a supply at the store. They can be packed so as to carry safely for one or two days' journey by express. In sending your orders mention the latest time that will do to receive the flowers in your town; often we receive the orders after the time they are wanted, or after the express has gone, and then have no opportunity to send in time, hence the disappointment to those sending their orders. The following are a few of the many designs supplied to order:



BRIDE'S BOUQUETS. Of choice white flowers, with fine lace papers, or deep silk fringe, and cord and tassels, \$3 to \$10.

BRIDESMAID'S BOUQUETS. With papers and fringe to match in pink, blue, etc., \$2 to \$6.

HAND BOUQUETS. For parties, \$2 to \$5.

BUTTON-HOLE BOUQUETS. 15 cents to 25 cents.

TABLE DESIGNS. \$5 to \$15.

FLORAL DESIGNS. Of various sizes, \$5 to \$20.

BASKETS. Of fancy white and gilt work, willow or wire, \$5 to \$20.

PLATEAUX. Of elegant design, fancy white and gilt work, willow or wire, \$5 to \$20.

FANCY STRAW WORK. Of various designs, small and large, \$5 to \$20.

FOR FUNERALS. Anchors, crosses, crowns, large wreaths, etc., of white flowers, each, from \$3 to \$15.

FRENCH IMMORTELLS, OR EVERLASTING FLOWERS.

In original bunches as imported, 75 cents. Bunches of assorted colors, \$1. The following are the colors we import: yellow, green, orange-red, black, spotted, white, rose, solferino, crimson, lilac, blue, and violet.

WREATHS OF WHITE OR COLORED IMMORTELLS.

9 inches diameter, two rows.....	\$1.00	14 inches diameter, three rows.....	\$2.50
10 inches diameter, three rows.....	1.50	15 inches diameter, " rows.....	3.00
12 inches diameter, " rows.....	2.00	15 inches diameter, four rows.....	4.00

CROSSES OF WHITE OR COLORED IMMORTELLS.

6 inches, one row.....	\$.50	12 inches, three rows.....	\$2.00
10 inches, two rows.....	.75	15 inches, " rows.....	2.50
10 inches, three rows.....	1.50	18 inches, " rows.....	2.50
Crosses on Pedestals, 3 sizes.....			\$3.00, 4.00, and 5.00.

DESIGNS IN WHITE OR COLORED IMMORTELLS.

Bouquets, arranged with ornamental grasses, or all grasses, as may be desired.....	\$.50 to \$5.00
Anchors, 2 sizes.....	2.50 and 3.50
Crowns, 2 sizes.....	4.00 " 5.00
Faith, Hope, and Charity (Cross, Heart, and Anchor, combined).....	3.50 " 5.00

Harps, 2 sizes. Lyres, 2 sizes.....	each, \$1.00 and \$2.00
Stars, 2 sizes.....	2.00 " 3.00
Baskets of various sizes and patterns.....	1.00 to 6.00
Fancy Straw Work, of various designs, small and large, filled with Immortelles or grasses, as may be desired, from.....	2.00 to 10.00
Other designs made to order at short notice.	

BOUQUET MATERIALS, DESIGNS, ETC.

Grasses, dyed of various colors, per bunch of one color, 30 cents. Plain.....	per bunch, 25
Feather Grass, dyed of various colors, per bunch of one color, 30 cents. Plain.....	" 25
Moss, long, dyed green, for Immortelle Work.....	" 25
Pampas Grass Plumes, according to size.....	each, 50 to 1.00
Oceola Grass Plumes.....	" 10 to 25
Everlasting flowers, dried, of different varieties and colors.....	per bunch, 25 to 50
Bouquet Papers, lace, of various sizes and patterns.....	per doz., 30 to 75
Bouquet Papers, Italian, handsome lace, and turned down, of various sizes and patterns.....	per doz., 50 to 1.50
Bouquet Papers, Italian, handsome lace, and turned down, gilt and silver, of various sizes and patterns.....	per doz., 2.00 to 4.00
Bouquet Papers, with Silk Fringe, White, Pink, and Blue.....	each 1.00 to 1.50
Silk Cord and Tassels, to match the above.....	each 75 to 1.00
Twine, very fine, for making Bouquets.....	per lb. 80
Tin-Foil, for Bouquet handles.....	" 40
Wire, for making Bouquets, of different sizes.....	" 25
Lycopodium Greens, for making up Bouquets.....	per lb., 20 cts., per bbl. 4.00
Glass Tubes, for Button-hole Bouquets.....	each, 10 cts., per doz. 1.00
Glass Tubes, for Button-hole Bouquets, plain bands.....	" 10 " " 1.00
Glass Tubes, for Button-hole Bouquets, gilt bands.....	" 15 " " 1.50
Glass Tubes, for Button-hole Bouquets, fern-leaf fastener.....	" 25 " " 2.50
Ladies' Brooch, or Flower-holder, fern-frond, bronze.....	" 75 "
Wire Baskets, oval, for Cut flowers, 8, 10, 12, 14, and 16 in..	" 35, 40, 50, 60, 75
Wire Wreaths, for Cut Flowers, 8, 10, 12 and 15 in.....	" 20, 25, 30, 40
Wire Stands, round, for Cut Flowers, 6, 8, and 10 in.....	" 65, 75, 85
Wire Plateaux, oval, for Cut Flowers, 12, 14, and 16 in.....	" 40, 45, 50
Wire Crosses, for Cut Flowers, 9, 12, and 15 in.....	" 20, 25, 30
Wire Anchors, for Cut Flowers, 12, 15, and 18 in.....	" 60, 65, 80
Wire Stars, for Cut Flowers, 10, 12, and 14 in.....	" 40, 50, 60
Wire Hearts, for Cut Flowers, 8, 10, and 12 in.....	" 35, 50, 60
Wire Crowns, double, for Cut Flowers, 4, 6, and 8 in.....	" 60, 75, 1.00
Wire Harps, for Cut Flowers, 12 and 15 in.....	" 75, 1.00
Wire Lyres, for Cut Flowers, 12 and 15 in.....	" 75, 1.00
Wire Faith, Hope, and Charity, for Cut Flowers, 15 & 18 in..	" 1.00, 1.25
Wire Wreath, Cross in centre, for Cut Flowers.....	" 50
Wire Wreath, Star in centre, for Cut Flowers.....	" 60
Wire Hanging Baskets, 8, 9, 10, and 12 in.....	" 25, 30, 40, 50
Willow Baskets, oval, for Cut Flowers, 8, 10, 12, and 14 in..	" 85, 1.00, 1.25, 1.50
Willow Stands, round, for Cut Flowers, 6, 8, 10, and 12 in..	" 65, 80, 1.00, 1.25
Willow Plateaux, oval, for Cut Flowers, 10, 12, 14, and 16 in..	" 65, 80, 1.00, 1.25
Willow Plateaux, round, for Cut Flowers, 10, 12, 14, 16 in..	" 65, 80, 1.00, 1.25
Straw Work of various designs, attractive and showy, from.....	1.25 to 10.00
Among the many beautiful designs of straw work, the Sheaf of Wheat or Oats (price \$2.50) filled with natural white flowers, is very appropriate for funerals; the price of filling is from \$3 to \$5, according to the season.	

Fancy White and Gilt Work—Baskets, Plateaux, Stands, and various other designs, very beautifully made, and highly ornamental, from.... 75 to 15

EXPANDING ADJUSTABLE FLOWER POT-COVERS.

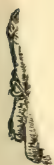
An elegant and convenient article for covering ordinary Flower Pots.

Three sizes of plain, 6, 7, 8 inches.....	15, 20, and 25 cts.
Three sizes of fancy, 6, 7, 8 inches, with large-headed nails.....	35, 40, " 45 "
Three sizes of gilt, 6, 7, 8 inches.....	50, 60, " 65 "
Black Walnut, 5, 6, 7, and 8 inches.....	20, 25, 30, " 35 "

BASS, MATS, ETC.

Rosetta, best and strongest material known for tying plants.....	per lb., 7
Bass (Cuba) for tying up plants and vines, budding, etc.....	" 10
Mats (Russian Bass), for tying, budding, and covering hot-beds, second-hand, 1st qual., 30 cts. each.....	per doz., \$3.00
Mats (Russian Bass), second hand, 2d quality. Used for the same purpose as the above, 20 cts. each.....	" 2.00

3.



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AMERICAN IMPROVED BRASS GARDEN SYRINGES.



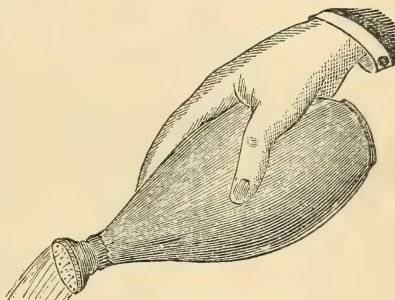
AMERICAN IMPROVED BRASS GARDEN SYRINGE.

Of various sizes and patterns, for the conservatory, green-house, garden, etc.; fitted with caps or roses for ejecting water in one stream, or dispersing it in a gentle manner, or with force, when required.

No. 0. Garden, rough finish, with one rose, used for whale oil soap.	\$ 2.50
No. 1. Garden, polished, with one rose; also used by Tobacconists	3.50
No. 2. Conservatory, with one stream and two extra roses.....	4.75
No. 4. Green-house, with one stream and three extra roses, to fit in the handle.....	7.75
No. 5. Green-house, one stream and two extra roses (ball valve)...	7.50
No. 7. Green-house, knuckle-joint, which can be turned in any direction (ball-valve), with one stream and two roses...	10.00
No. 9. Extra heavy, solid piston with two roses (ball valve); also used by sugar refiners.....	12.00
No. 10. Tin, improved ball valve, Japanned syringes, for Whale Oil Soap, etc.....	1.00

ELASTIC PLANT SPRINKLER.

This is a very convenient article—and much preferred by the ladies, as it is so easily worked by pressing the rubber together with the hand—for sprinkling Bouquets and Window-Gardening Plants, to cleanse their foliage and keep them in a healthy growing condition, as well as for dampening clothes. It is made of Rubber, with a flat bottom and brass perforated, detachable top. \$1.25; by mail, postpaid, \$1.50.



ELASTIC PLANT SPRINKLER.

FOOTE'S PATENT SPRAY DAMPENER.

A cheap tin spray sprinkler, used by mowing with the mouth through a tube. For persons having a few plants or a small conservatory, to take the place of a syringe, as it does not wet the carpet, and waters the plants with water like dew. Used by Florists to dampen flowers and bouquets. Any liquid, or even dry powder, can be applied with it to effectually kill or drive away all kinds of insects that infest plants, as no fluid can possibly come in contact with the mouth. 75 cts.

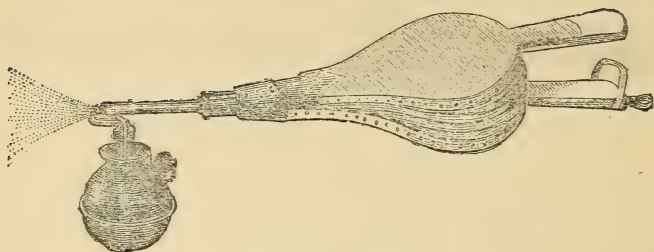


FOOTE'S PATENT SPRAY DAMPENER.

SULPHUR BELLOWS; or, Floral and Vintage Duster.

For the extermination of *Bugs, Worms, Insects, and Mildew upon Grape-vines, etc.* By the use of this implement the Flour of Sulphur can be evenly distributed over every part of the affected plant. \$2.50.

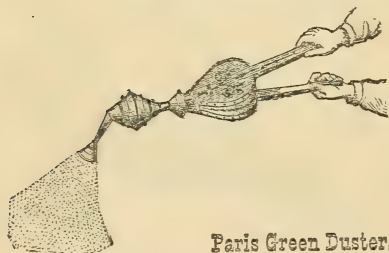
NEW BELLOWS SYRINGE.



NEW BELLOWS SYRINGE.

A French invention for showering plants with insect-killing liquids—any of the known remedies can be used—or clear water to cleanse house plants from dust and keep the foliage in a healthy condition; operating the same way as the atomizer or spray-sprinklers. The liquid to be used is put into the brass globe and the bellows worked: a fine spray issues in such a copious stream that it is easy to reach every part of the plant and bedew it with whatever insect-killing liquid may be desirable. One great advantage of this apparatus is its economy. In the ordinary methods a large share is wasted, while with this only so much to just moisten the leaves and stems need be used. \$3.50.

THE PARIS GREEN DUSTER.



Paris Green Duster,

For destroying the *Potato-Bugs* or *Beetle* and other pests. It is a simple and effective hand-implement, applies the powder with the greatest rapidity, ease and economy. *Paris Green*, as yet, only being the satisfactory remedy.

It is also a desirable assistant in the Green-house, and for dusting low trees infested with *Slugs*, as well as grape-vines affected with

Mildew, with Flour of Sulphur and other insect powders. Use either with or without the rose. Complete directions for use accompany each machine. \$3.00.

UNIVERSAL FUMIGATOR.



For Green-houses, Conservatories, Frames, Poultry Houses, Hospitals, etc. This cheap, durable, and thoroughly effective Fumigator will burn Tobacco, Sulphur, and any other fumigating material. It is self-acting, requires no attention when once lit; there is no fear of flaming, no waste of material, every particle being consumed and given off in dense smoke, thus ensuring the entire destruction of insect life.

Two sizes, \$3.00 and \$4.00.

For Insect Destroyers, Fertilizers, etc., see pages 117 and 118.

INSECT DESTROYERS, FERTILIZERS, Etc.

BRIDGEFORD'S ANTISEPTIC LIQUID.

For the removal of all *Parasites*, *Lichens* and *Insects*. Injurious to *Plants*, *Trees*, *Shrubs*, *Vines*, etc.

This preparation is quite distinct from any other already before the public. It is quick, safe and effectual for the destruction of the *Green Fly*, *Mealy Bug*, *Thrip*, *Red Spider*, *Mildew*, *Blight* and *Scale* of every description. It contains nothing deleterious to plants, not even staining the leaves or leaving an unpleasant smell in the house. Its application is so simple that it can be used with safety by the most inexperienced hand. Instructions for application with each bottle. Price, each, \$1.00.

GISHURST'S COMPOUND.

This is extensively used in England and on the Continent, as well as in this country, and is effectual for preventing and destroying *Green*, *Brown*, and *Black Fly*, *Mildew*, *Thrip*, *Mealy Bug*, and *Scale*, also for washing walls, frames and sashes of green-houses. With directions, per box, 75 cts.; by mail, \$1.00.

MOORE'S COMPOSITION.

Destroys all Insect Life, without the slightest injury to the plants; in fact it improves the health and appearance of the tenderest plant. Put up in stone jars, with directions for use. Per jar, 75 cts.; by mail, \$1.00.

CARBOLIC ACID SOAP.

It is the natural enemy of low forms of insect life and parasites of every description. It kills and drives away *Lice*, *Fleas*, *Ants*, *Bugs*, *Worms*, *Grubs*, and all kinds of insects that annoy and destroy animals and plants. With directions, per cake, 10 cts.; by mail, 20 cts.

WHALE OIL SOAP.

An effectual remedy for destroying *Insects* on *Plants*, *Trees*, *Vines*, etc., for washing down the bark of *Trees*, *Grape Vines*, destroying the *Aphis* or *Plant Louse*, *Slugs* on *Roses*, *Thrips* on *Grape Vines*, *Mildew*, *Slugs* on *Pear Trees*. In cans, with directions for use, at 30 cts. (by mail, 60 cts.); 60 cts.; and 80 cts. each.

COMBINED SOAPS.

For destroying *Insects*, *Fertilizing*, etc.

A new preparation has been made for destroying different kinds of *Insects*, and at the same time, while the *Whale Oil Soap* is used as a basis, it is a good fertilizer, and is also further improved by the addition of Guano. We offer the following for the first time to the public. They are put up in balls of 3 inches diameter, and average about ten ounces.

Hellebore and Paris Green.....	each \$.50
Sulphur, Tobacco, and Guano for a Fertilizer, etc.....	" .25
Carbolic Whale Oil, in cans, 40 cts.; by mail, 75 cts.	

HELLEBORE, for Rose Slugs.

To destroy *Rose Slugs*: Dissolve one table-spoonful of powdered white hellebore in two gallons of boiling water. When cool enough to use, apply with a syringe or a wisp broom, bending the tops of the plants over so as to reach the under as well as the upper side of the leaves, dashing the liquid upon the plant in a fine spray. One or two applica-

tions is usually sufficient for a season, and it is thoroughly effective. With directions, per bottle, 25 cts.; by mail, 35 cts.

It can also be applied in a powdered state early in the morning while the dew is upon the plants.

PYRETHRUM ROSEUM.

Persian Insect Powder. For destroying *Rouches*, *Ants*, *Fleas* and all other noxious *Insects*. To most effectually destroy the Bugs, the powder must be thrown into the crevices, holes and places infested by them. Per bottle, 25 cts. ; by mail, 35 cts.

PURE PARIS GREEN, for Potato Bugs.

The only effectual remedy for destroying that pest. Directions for using: Take one pound of Paris Green and ten pounds of flour or plaster, mix thoroughly together, and put the mixture into the Potato Bug Destroyer. Apply early in the morning, while the plants are wet with dew; it then forms a paste on the plants, and, being less windy at that time, it can be the better applied. For Duster, see page 116. Directions with each package. 50 cts. per lb.; by mail, 65 cts.

GRAFTING WAX.

Of first quality, put up in convenient rolls for use, also good for cuts and bruises on trees, which causes them to heal up rapidly. Put up, with directions, in rolls of 1 lb., 50 cts.; $\frac{1}{2}$ lb., 25 cts.; $\frac{1}{4}$ lb., 15 cts. By mail, 16 cts. per pound additional.

PLANT FOOD FOR THE GROWTH OF FLOWERS.

It is expressly prepared for *Plants*, and promotes the growth and beauty of flowers, is invaluable for the *Green-house* and *Flower Garden*, being perfectly harmless, and will not injure the most delicate plants. Put up in 5 lb. tin boxes for general use, with directions. 75 cts. per box.

PERUVIAN GUANO—Pure.

For pot plants and garden purposes. When used as a liquid manure its effect is almost immediate. One pound to twenty gallons of water, and left stand until dissolved. Water the plants once a week with the solution. Put up in tin cans, with directions, 15 cts.; by mail, 40 cts., 30 cts., and 50 cts. each.

PURE, FINE GROUND BONE FOR FERTILIZING.

Recommended for vine borders and fruit trees; if sown thickly, forms an excellent restoring and quickening power on grassplots in gardens, pleasure-grounds, etc.; but should be rolled in after sown; also fine for mixing with the soil for potting plants. Per sack of 200 lbs., \$6.00, or less quantities than a sack, 5 cts. per lb.

LAWN FERTILIZER, Etc.

The Philadelphia Lawn Fertilizer is specially adapted to *Grass* and *Flowers*. Three years' trial, sown broadcast, proved that it stimulates the rapid growth of grass and flowers at less cost than stable manure. It is composed of soluble chemicals, highly concentrated, free from odor or lumps; 600 lbs. sufficient for an acre, 10 lbs. for 25 feet square. In sacks of 100 lbs., \$5.00; 50 lbs., \$3.00; 10 lbs., 75 cts.

JERSEY PEAT, for potting plants (to be mixed with the soil).

per bbl \$2.00

SPHAGNUM MOSS, used by Florists for packing plants for shipment; also for growing Orchids.....Per bbl. of 5 bus. 2.00

TOBACCO STEMS, for fumigating plants. (For machines, see page 116.).....Per lb. 25 cts.; per sack of 5 bus. 2.00

Implements for applying the Insect Destroyers, see pages 115 and 116.

THE FARMER'S AND GARDENER'S LIBRARY.

The following leading works on Agriculture, Horticulture, and Rural affairs, will be mailed on receipt of price.

Allen's (R. L.) American Farm Book, revised and enlarged.....	\$2.50
Allen's (R. L.) Diseases of Domestic Animals.....	1.00
Allen's (L. F.) Rural Architecture	1.50
Alpine Plants Illustrated (David Wooster). English work.....	9.00
Barnard's Gardening for Money.....	1.50
Barry's Fruit Garden (New Edition).....	2.50
Bement's (C. N.) American Poulterer's Companion.....	2.00
Breck's Book of Flowers (New Edition).....	1.75
Bridgeman's American Gardener's Assistant (New Edition).....	2.00
Broom Corn and Brooms (paper).....	.50
Buist's American Flower Garden Directory.....	1.50
Buist's Family Kitchen Gardener.....	1.00
Burr's Vegetables of America, Splendidly Illustrated.....	3.00
Canary Birds (paper, 50 cts.).....cloth	.75
Chorlton's (William) Grape Growers' Guide.....	.75
Copeland's Country Life (New Edition).....	5.00
Corbett's Poultry Yard and Market (paper, 50 cts.).....cloth	.75
Gardener's Dictionary (G. W. Johnson). English work.....	3.50
Dadd's American Cattle Doctor.....	1.50
Dadd's Modern Horse Doctor.....	1.50
Dana's Muck Manual	1.25
Darwin's Animals and Plants under Domestication. 2 vols.....	5.00
Downing's Fruit and Fruit Trees of America (Revised Edition)....	5.00
Downing's Selected Fruits.....	2.50
Downing's Landscape Gardening (New Edition).....	6.50
Downing's Ladies' Companion to the Flower Garden.....	2.00
Eastwood (B.) on the Cultivation of the Cranberry.....	.75
Elliott's Hand Book for Fruit Growers (paper).....	.60
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Emerson's Farmer's and Planter's Encyclopædia.....	6.00
Farm Gardening and Seed Growing (Beil).....	1.00
Field's Pear Culture	1.25
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Flint on Milch Cows, and Dairy Husbandry.....	2.50
Forest Trees (Bryant).....	1.50
French's Farm Drainage.....	1.50
Fuller's Grape Culturist.....	1.50
Fuller's Strawberry Culture (paper).....	.20
Fuller's Small Fruit Culturist.....	1.50
Fuller's Forest Tree Culturist	1.50
Fulton's Peach Culture.....	1.50
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Gray's How Plants Grow.....	1.25
Gregory on Squashes (paper).....	.30
Harris' Insects Injurious to Vegetation	4.00
Herbert's Hints to Horsekeepers.....	1.75
Henderson's (P.) Gardening for Profit.....	1.50
Henderson's (P.) Practical Floriculture.....	1.50
Henderson's (P.) Gardening for Pleasure.....	1.50
Hoope's (Josiah) Book of Evergreens	3.00
Hop Culture (paper).....	.30
Howard's Grasses and Forage Plants at the South.....	.30
Johnson's (Mrs. S. O.) Every Woman her own Flower Gardener, (paper) 50 cts. Cloth.....	1.00
Johnson's Agricultural Chemistry.....	1.75
Johnson's Peat and Its Uses	1.25
Kera's Practical Landscape Gardening.....	1.50

Langstroth on the Hive and Honey Bee.....	\$2.00
Language of Flowers and Floral Conversation (paper) 25 cts. cloth ..	.50
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Wright's Practical Poultry-keeper	2.00
Wright's Brahma Fowl (Colored Plates).....	2.50
Youatt, Breeds and Management of Sheep	1.00
Youatt and Martin on Cattle.....	1.50
Youatt and Martin on the Hog.....	1.00
Youatt and Spooner on the Horse.....	1.50
Young Farmer's Manual and Workshop (New Edition). 2 vols....	3.50

OUR PLANT DEPARTMENT

Is being continually enlarged by additions of the latest foreign and native introductions, some of which we have not yet had an opportunity of testing; they have been received from the most reliable growers, experts in their particular specialities, and are offered under their descriptions.

The general list of older varieties has been carefully revised, rejecting all sorts that have not proved themselves adapted to our climate, retaining only such as have some marked excellence in growth, size of flower or beauty of coloring.

HOW TO REMIT MONEY, AND OTHER INSTRUCTIONS IN ORDERING, PLEASE SEE PAGE 2.

PLANTS BY EXPRESS.—All plants and other goods are sent by express unless specially ordered otherwise. This is by far the most satisfactory way of forwarding, as stronger and better plants can be sent and they will be received in better order. We always add enough "Extras" of valuable plants to cover express charges.

NO CHARGE FOR BOXES, BASKETS OR PACKING.

PLANTS SHIPPED AT ALL SEASONS OF THE YEAR by our improved system of packing, which enables us to ship during the coldest weather, and seldom a package is injured.

SELECTION OF VARIETIES—If left to us, will be to the interest of the purchaser, as it is difficult to judge of the merits of varieties by description.

PLANTS AND SEEDS SHIPPED IN ONE PACKAGE by express, saving express charges; the orders should be made out on **SEPARATE ORDER SHEETS.**

PLANTS AND BULBS BY MAIL.—To those remote from the express office, or who reside in distant places and find express charges excessive, **WE MAIL THE PLANTS AND BULBS PREPAID** when selected at catalogue rates, excepting Rhododendrons, Tree Pæonias and shrubbery. By the improved modes of packing, small plants that have been grown in cool houses and small pots are mailed to the most distant points with perfect safety at all seasons of the year.

DIRECTIONS FOR THE CARE OF PLANTS.—Should the weather be favorable for immediate planting (danger of frost being over), and the plants are not injured by long confinement in the box, they may at once be planted out in the flower borders, sprinkling them with water, and shading for a few days from the direct rays of the sun.

Should they, however, have suffered, it is desirable to nurse them for a short time in the house, a close frame, or green-house, potting the most tender kinds in small pots, in a light sandy soil; where pots cannot be obtained, they may be planted in boxes, and exposed gradually to the air and sun.

\$1 COLLECTIONS BY MAIL.

We will send to any address, *free by mail*, any of the collections as given below at \$1 each; six for \$5; thirteen for \$10. The sorts are propagated expressly for these collections, and are the most distinct and desirable varieties, and frequently of novelties.

(OUR SELECTION OF VARIETIES ONLY, AND NO PARTS OF COLLECTIONS MADE.)

6 Abutilons,	distinct sorts.	6 Greenhouse Pl'ts, distinct sorts.	
4 Azaleas,	" "	6 Hardy Plants,	" "
10 Basket Plants,	" "	8 Heliotropes,	" "
10 Bedding Plants,	" "	6 Hibiscus,	" "
5 Begonia,	" "	8 Lantanas,	" "
6 Caladiums, Fancy,	" "	4 Lilies,	" "
3 Camellia, Double,	" "	8 Pansies,	" "
6 Cannas,	" "	6 Pelargonium, F'ey,	" "
8 Carnations, Mon'ly,	" "	6 Penstemons,	" "
8 Chrysanthemums,	" "	8 Petunia, Double,	" "
8 Coleus,	" "	10 " Single,	" "
5 Dahlias, Double,	" "	8 Phlox, Hardy,	" "
8 Ferns,	" "	8 Pinks,	" "
8 Fuchsias,	" "	8 Roses,	" "
8 Geraniums, Zonale,	" "	8 Salvias,	" "
8 " Double,	" "	8 Tuberoses, New Pearl,	" "
8 " Scented,	" "	12 Verbenas,	" "
12 Gladiolus,	" "	6 Violets,	" "

OUR \$5 AND \$10 COLLECTION OF PLANTS BY EXPRESS

(The varieties of our own selection)

Are expressly grown for spring planting, which we will be ready to send out (by Express only) *from the 1st of March*. These collections are of our own selection, and purchasers may rely on receiving good plants.

DREER'S \$10 COLLECTION OF PLANTS.

This assortment of one hundred plants will be found desirable, embracing such plants as will insure a continuous bloom throughout the season. We offer the whole collection, including packing, which is done in the most careful and compact manner, for \$10, being a large discount on catalogue prices.

DREER'S \$5 COLLECTION OF PLANTS.

This assortment embraces fifty plants of desirable sorts for summer blooming—will be delivered to the express company for \$5.

NEW AND RARE PLANTS FOR 1878.

NEW ABUTILONS.

DARWINI (*Veitch*). An incessant bloomer, producing from 3 to 5 flowers from the axil of each leaf; flowers large, buff yellow, veined with crimson, which resemble a parasol in shape. 25 cents.

DARWINI TESSELLATUM. The variegation of this plant shows three distinct shades of coloring; the deep green of the leaves being marbled or tessellated with golden yellow, and a tint intermediate between the two. The flowers are the same as the "Darwini" in color and shape. 50 cents.

LE NAIN. Very large clear mauve flowers, with darker veins; slightly shaded with orange; constant bloomer; dwarf habit. 50 cents.

ROSEUM. Large salmon pink flowers; free bloomer. 30 cents.



COLEUS PICTUS.

NEW COLEUS.

ALBION. Yellow-edged and spotted with crimson. 40 cents.

ELDORADO. Rich yellow, with a narrow crimson edge and mid-rib; smooth foliage. 40 cents.

MUSAICA. Marbled and spotted with yellow and rich crimson. 40 cts.

PICTUS (*see cut*). This distinct and rare variety is not a garden hybrid, but an introduction from the Duke of York Island. Its bold and deeply lacinated foliage is curiously streaked with rich brown, on a bright green or yellow ground, the brown turning to bright red on the yellow surface. These peculiar markings, and the unusual form of the leaves, give the plant a bizarre and curious appearance. It will doubtless stand the sun well, and be a forerunner of a new type of seedling varieties. 50 cents. \$5 per dozen.

CAMPSIDIUM FILICIFOLIUM.

A very graceful hard-wooded and rapid-growing fern-like creeper, from the Fejee Islands. Young plants, 50 cents.; large plants, \$1.00.

NEW CANNAS.

BONNETI EXCELSA. Olive-green and purple foliage; very large orange-red flowers; height 4 feet. 30 cents.

DR. GROMIER. Dark green foliage; large deep crimson flowers; height 5 feet. 30 cents.

MONS. ALLEGATIER. Large green and bronzy purple foliage; very large orange-red flowers; height 4 feet. 30 cents.

SOUV. DE BARRILLET-DESHAMPS. Green shaded with maroon foliage; splendid large crimson flowers. 30 cents.

SUPERBA. Large dark-green foliage; orange-crimson flowers; height 4½ feet. 30 cents.

VICTOR LEMOIN. Dark bronzy green leaves; very large orange flowers; height 5 feet. 30 cents.

The set of six sorts, \$1.50.

NEW MONTHLY CARNATIONS.

CARNATION—PETER HENDERSON.

PETER HENDERSON (*see cut*). Very large pure white flower, said to attain a diameter of 2½ in. on well-grown plants; will not burst its calyx, and remains fresh and white on the plant for some time. It is of strong dwarf habit, and produces its flowers in the greatest profusion. A first-class variety. 50 cts. \$5 per dozen.

QUEEN OF THE BELGIANS. Pure white, fringed edge; very double, and of the largest size. 50 cents.

SOUVENIR DE MALMAISON. This variety produces the largest flowers, said to attain a circumference of 12 in. on well-grown plants; color bluish white, like the rose of same name. \$1.50 each.

NEW FERNS.

S. TILOBIUM CICUTARIUM. A vigorous-growing and most elegant fern, bearing light green fronds, resembling a gymnogramma, but stronger in habit. 50 cents.

LOMARIA FALCATA. An elegant dwarf-tree fern. 50 cents.

NEPHROLEPIS DAVALLOIDES FURCANS. A highly ornamental introduction from Java, with long, deeply-crested fronds, of a bright, glossy green color. A strong-growing variety. Strong plants. 50 cents.

POLYPODIUM PROCERUM (*Sandwich Island Creeping Fern*). This new species from the Sandwich Islands throws out long creeping rhizomes 5 to 6 feet long, which become on the *nodes* clothed with leaves, giving it a very elegant appearance; splendid in suspended baskets. 30 cts.



EULALIA JAPONICA ZEBRINA.

EULALIA JAPONICA ZEBRINA.

The most distinct hardy ornamental grass sent out for many years, an introduction from Japan. It produces long blades, which are striped or marked with yellow across the leaf instead of longitudinally. It grows from four to six feet in height, forming a striking and graceful plant, its markings being unlike anything that we know of in cultivation. It bears elegant large tassel-like plumes, in the autumn, white, shaded with pink, which make handsome parlor decorations; strong plants. \$1.

FICUS PARCELLI.

A most beautiful variegated Ficus; large leaves, marbled with bright green and white. 50 cents to \$1.00.

NEW FUCHSIAS.

The following have been selected from the latest novelties of excellent recommendation. Those marked * have double flowers.

Price 50 cents each, except where noted. The set of 14 varieties \$7.00.

ANNIE LUSTRE. Sepals and tube pure white, corolla vivid crimson.

AURORA SUPERBA. Sepals and tube salmon, corolla large bright orange scarlet suffused with yellow.

***EMPRESS OF INDIA.** Rosy carmine tube and sepals, with unusually full double white corolla. 75 cents.

ERECTA. Sepals and tube crimson, stained white, corolla rosy pink, flowers perfectly erect and well above the foliage.

***GAMBETTA.** Fine double flowers, with pretty rose color corolla and well-recurved sepals of bright carmine.

GEN. NAUSOUTY. Bright rose sepals, violet blue corolla striped with rose.

LADY WATERLOW. Tube and sepals white, beautifully striped and flaked with scarlet; corolla rich magenta. 75 cents.

LORD BYRON. Tube and sepals crimson, with large open bell-shaped almost black corolla, one of the darkest known. 75 cents.

LORD FALMOUTH. Tube and sepals carmine-scarlet, corolla rich violet blue, flowers of perfect shape. 75 cents.

***MISS LUCY FINNIS.** Reported as the finest double white.

***SILVER DOVE.** One of the finest double white varieties, tube and sepals rosy carmine; fine double white corolla. 75 cents.

STANDARD. Rosy pink tube, about 2 inches long; large and fine corolla of a rich violet-purple color.

THE SHAH. Rich crimson tube and sepals, with fine corolla regularly striped with purple and rose.

VIRGO. Tube and sepals pure white, the latter reflexed like a crown above the corolla, which is of a beautiful magenta color. 75 cents.

NEW DOUBLE-FLOWERED ZONALE GERANIUMS.

We take pleasure in offering below a selection of the latest and best novelties of English and French introductions, they are all of the free-flowering type and promise to be excellent bedders and bloomers.

ALFREDUS. Salmon pink, striped and flaked with blush and white, fine large flowers. 50 cents.

CANDIDISSIMA PLENA. Very large, full and finely formed flowers of the most pure snowy-whiteness, not becoming tinted with rose as the flowers get fully expanded. \$1.00.

DEPUTY VIOX. Dark crimson shaded violet; immense truss. 50 cts.

ERNEST LAUTH. Rich violet crimson; large truss. 75 cents.

JEAN DOLLFUS. Fine flowers of brilliant purplish violet. 75 cts.

LA CONSTITUTION. Brilliant orange salmon, the most beautiful flower of this shade. 50 cents.

LA CYGNE. Dwarf variety, very perfect flowers of pure white. 50 cts.

MAD. A. DE CAZANOVE. Large white flowers, prettily tinted with mauve. 75 cents.

MAD. LA MARECHALE DE MACMAHON. Enormous trusses of flowers, of a clear fresh rose mauve with white centre. 50 cents.

M. PLAISANCON. Large truss of very dark crimson purple. 75 cts.

SOUVENIR DE R. MASSON. A dwarf variety, producing enormous trusses of the most pure white flowers; very double. 75 cents.

The following two varieties, originating in this city with Mr. C. Kirchner, are highly recommended as good bedding and flowering plants.

CONRAD KIRCHNER. Brilliant scarlet, white centre. 40 cents.

JOHN BOWMAN. Pure scarlet; zoned leaf, fine truss. 40 cents.

The set of 13 varieties. \$6.00.

NEW ZONALE GERANIUM.



NEW LIFE—(*Cannell*).

This will be unquestionably one of the greatest novelties and acquisitions in geraniums sent out for years. The flowers are vivid scarlet, irregularly but boldly striped with salmon and white, like a carnation, it makes a good truss and pips, and is free-flowering. It was awarded a first-class certificate by the Royal Horticultural Society, London.

Plants will be ready for delivery after March 15th, 1878. Price \$2.50 each, net.

NEW SINGLE-FLOWERED ZONALE GERANIUMS.

The following list comprises the best English and Continental varieties of the latest introductions, and excel in habit, color, and size, the older sorts.

Price 50 cents each, except where noted. The set of 22 for \$9.00.

- ADMIRANDA. A novel flower, blush, base of petals salmon scarlet.
 AMAZONE. Lilac mauve, sprinkled with carmine dots; large truss.
 APOLLON. Rich crimson, marked and edged with scarlet and lilac.
 BLACK DIAMOND. Rich dark crimson.
 CAMERON. Magenta purple, upper petals shaded with vermilion.
 CERES. Violet magenta, upper petals shaded with scarlet.
 DR. SCHWEINFURT. Bluish purple, upper petals shaded vermilion.
 GASPAR. Large truss of rich crimson scarlet.
 LEVANA. Rich deep pink, large truss.
 LEVESON GOWER. Largest salmon flower, size and form of Rienzi.
 LONDON (*Cannell*). Said to have the largest pips of any scarlet Geranium; truss large; color dazzling scarlet. 75 cents.
 MAD. QUINET. Purest white, dwarf.
 MARTIUS. Rosy cherry, with violet crimson shadings.
 MONS. BOUCHARLAT. Carmine lake, shaded with orange salmon.
 OLIVAR. Magenta, tinted with violet and edged with scarlet.
 PABELLON. Deep cherry, shaded with orange scarlet.
 PALLAS. Enormous truss of rosy pink.
 PETRUS. Rich violet crimson, shaded scarlet.
 PRINCESS OF WALES. Immense truss of orange salmon.
 PROCLES. Cherry, shaded vermilion.
 URANIE. Magenta crimson, shaded with violet.
 VICOMTESS DE NADAILAC (*Cannell*). Monstrous orange scarlet truss of the very largest size. 75 cents.

NEW DOUBLE HYBRID IVY-LEAVED GERANIUMS.

The following novelties, raised by Mr. Wm. Bull, are true hybrids between the Ivy-Leaved and Zonale Geraniums, and will prove highly interesting.

- BIJOU. An extremely attractive variety, with large full double flower trusses of a bright scarlet color. \$1.00.
 RENOWN. Like the above, of rosy-carmine color shaded with scarlet. \$1.00.

NEW HIBISCUS.

- H. MINIATUS SEMI-PLENUS. A remarkably showy plant, has almost leathery ovate leaves and brilliant flowers of a vermilion scarlet color, darker towards the base of the petals. The flowers are semi-double, measuring 4 inches across. 50 cents.
 H. VIVICANS. A fine free-flowering vigorous plant and remarkably large flowers, 4½ inches in diameter, full double. The color is a brilliant crimson scarlet. It is a very showy variety. \$1.50.

NEW WHITE HYDRANGEA—(Thomas Hogg).

An introduction from Japan, equal in growth, style, etc., to the H. Hortenses, except in color. It produces large pure white flowers which, on well-grown plants, measure more than 12 inches in diameter. It is quite as hardy as the other garden sorts.

Strong plants. \$1.00 each. \$9.00 per dozen.

Good plants. 50 cents each. \$5.00 per dozen.

LOBELIA SPECIOSA PERFECTA.

This variety shows a great improvement on the old *L. Speciosa*; it has a fine vigorous drooping habit, with large deep blue flowers; the very best sort for vases and baskets. 25 cents. \$2.50 per dozen.

MIMULUS MOSHATUS HARRISONI.

A new musk plant of stronger growth and larger foliage than the *M. Moshatus*; it produces large and showy bright yellow flowers, spotted with crimson. 50 cents.

NEW DOUBLE-FLOWERED, or REGAL PELARGONIUM.

This new type of Pelargoniums, now called "Regal," contains the most brilliant colored flowers in this class of plants. The flowers are of large size, very rich and showy; and although they are not really double, yet from their fulness of form and the extra number of petals, they have the appearance of being so.

BEAUTY OF OXTON. The latest novelty. The upper petals are of a very rich maroon color, darkly blotched; the under petals very dark crimson, shaded with maroon; light centre, tinted with rose; all the petals are attractively and regularly margined with white, and beautifully fringed. 50 cents.

CAPT. RAIKES. A splendid variety, producing very fine large, full flowers, upper petals deep, fiery crimson, flaked with purplish black, and bordered with carmine; lower petals clear, bright, fiery crimson. 50 cents.

PRINCE OF NOVELTIES. Carmine, tinted with crimson, white margin. 40 cents.

QUEEN VICTORIA. This remarkably distinct and handsome Pelargonium is one of the most marvellously beautiful and novel varieties ever offered. The color is a rich vermilion; all the petals broadly margined with pure white, and the upper ones blotched with maroon, peculiarly crisped. 40 cents.

Large plants of the above. 75 cents.

NEW TEA ROSES.

The following varieties are recent introductions of merit, and we believe excel in color and growth many former introductions.

COMTESSE RIZA DU PARC. Flowers medium size to large, double, globular; color beautiful rose on a copper ground; very vigorous grower. 75 cents.

DUCHESS OF EDINBURGH. Brilliant crimson, the darkest in color of all the Tea Roses, and one of the most floriferous; flowers full and of fine form; a most valuable rose for early forcing. 50 cts.

LETTY COLES. A fixed sport of the fine Tea Rose, Madame Willermoz, in form resembling that fine rose, in color a beautiful pink. 75 cents.

SALVIA SPLENDENS MARMORATA.

A new variety of scarlet sage, the flowers and calyx pure white, beautifully mottled and spotted with scarlet, dwarf habit, free blooming. 25 cents. \$2.00 per dozen.

TORENIA FOURNIERI.

A very fine new species producing large sky blue flowers, with three large spots of a dark indigo blue, and a bright yellow stain in the centre of the flower. A splendid plant for vases and baskets, blooming the entire season. 25 cents. \$2.50 per dozen.

NEW VIOLETS.



BELLE DE CHATENAY (*see cut*). This violet, sent out for the first time in this country, is described by the originator as follows: The flowers are very large, sometimes measuring one and one-third inches across, very double petals well set and arranged like a double Camelia flower, pure white, border of petals embroidered with lilac. It is quite hardy and fragrant, and will prove a valuable plant for forcing. 50 cts. each. \$4.50 per dozen.

THE WHITE CZAR. Producing very large single white flowers, sweetly scented, flowers said to be larger than any other known in this class; strong growth, and free-flowering. 30 cts. \$3.00 per doz.

HOT-HOUSE PLANTS.

AGAVE—Century Plant.

AMERICANA. No plants are more decorative or effective than these, for the conservatory in winter, or lawn and garden in summer, presenting a highly picturesque as well as tropical aspect. 50 cts. to \$10.00.

AMERICANA HETEROCANTHA. A rare dark-leaved variety of medium growth. \$1.50.

AMERICANA VARIEGATA. Of various sizes. \$1.00 to \$10.00.

VERSCHAFFELTI. One of the finest and rarest varieties, with short, almost heart-shaped leaves and black spines. Specimen plants, \$5.

ALOCASIA.

GIBSONI. Large leaves, marbled green and black; very ornamental. 30 to 50 cts.

JENNINGSI. Glaucous green, blotched black. 25 cts.

MACRORHIZA VARIEGATA. \$1.50.

METALLICA. \$1.50.

ODORATA. Gigantic upright green leaves, growing 8 to 10 feet high; flowers like a Calla, green and very fragrant. \$1.00.

BEGONIAS—Ornamental-Leaved.

All with beautiful variegated foliage, and very desirable for house and garden decorations, in shady positions, especially for baskets, vases, etc.

30 cents. \$3.00 per dozen.

DECAISNEANA.	PRUINOSA.
DUCHESS OF BRABANT.	QUEEN OF HANOVER.
GRIFFITHI.	REX.
MAD. PERRIER.	ROI LEOPOLD.
MARGO.	SANGUINEA.
NIGRESCENS PELTATA.	SIR COLIN CAMPBELL.
PARNELLI. | LOUISE SCHNEIDER.	THE O'DONOGHUE.

BEGONIAS—Flowering Section.

The following species and varieties are useful and effective for vases and baskets, or for bedding out in half shady positions. Their constant flowering qualities are a great recommendation.

25 cts. \$2.50 per dozen.

FOLIOSA. White flowers; fine neat-cut foliage.

GLAUCOPHILLA SCANDENS. A drooping variety with pink flowers.

MULTIFLORA. Light rose; a fine winter bloomer.

RICHARDSONI. Large pure white flowers in panicles.

SAUNDERSONI. Scarlet flowers; dwarf-habit, blooming continually.

WELTONIENSIS. Fine salmon-pink, unusually floriferous.

WELTONIENSIS ALBA. Pure white.

NEW AND CHOICE CALADIUMS.

This class of beautiful variegated foliage plants, margined and delicately traced with various rich colors, and elegantly spotted and mottled with rich shades of green, crimson, violet, rose and white, are exceedingly handsome when alone, or intermingled with other plants. As a decorative plant they are unequalled, and for planting out in partly shaded places they have succeeded admirably, for which purpose plant out June 1st, in shady positions, in well-enriched and deeply dug ground; a mixture of finely decomposed manure or leaf mould and sand should be employed. They require a moist, warm temperature; great care must be taken in their earliest stages of growth to prevent decay of the tubers or damping off. The tubers can be best preserved during the winter in charcoal dust, in a warm room.

We have revised our list, and offer a choice selection of sorts on the next page; the tubers are large and well matured.

CALADIUMS—Continued.

Strong, well-matured dry tubers. 30 cents. \$3.00 per dozen. \$18.00 per hundred; except where noted.

ALFRED BLEU. Green, white and flesh color. 50 cents.

ALPHAND. Green spotted with red, crimson centre. 50 cents.

ARGYRITES. Small leaf, white and green spotted.

AUBER. Green, spotted with white and pink.

AUGUSTE RIVIERE. Green; centre gray with crimson spots. 50 cts.

BARON ROTHSCCHILD. Green, spotted and veined with orange-crimson.

BELLEYMEI. Green, profusely mottled with white.

BELLINI. Dark green, large crimson centre.

BEETHOVEN. White, veined with green, mid-rib rose.

BICOLOR.

BICOLOR SPLENDENS. Deep crimson; broad green margin.

BOIELDIEU. Bright orange crimson, broad green margin. 50 cents.

BRONGNIARTI. Very large green and crimson leaf.

CANNAERTI. Green, crimson centre, white blotches.

CHANTINI. Spotted with rose and crimson.

CHANTINI SPLENDENS. Spotted with rose and crimson; brilliant centre.

DE CANDOLE. Green, creamy white centre and crimson spots.

DR. BOISDUVAL. Crimson-rayed centre, white blotch. 50 cents.

DUC DE MORNAY. Green, with crimson-rayed centre.

DUC DE NASSAU. Green, spotted and flamed orange crimson.

DUC DE RATIBON. Green, shaded white, crimson spots.

DUCHARTRE. Green, white veined, shaded rose.

E. G. HENDERSON. Green, spotted with rose and rayed crimson. 50 cents.

ENCKEI. Green, spotted with pink.

ENDLICHERIANUM. Foliage large, green, with large rose centre.

HERCULES. Gray centre, bright red spots and veins.

HOULLETTI. White, gray and green.

ISADORA LEROY. Rich metallic green, with crimson red centre rays. 75 cents.

LAMARTINE. Dark olive green, with crimson spots.

LAUCHEANA. Metallic green.

MAXIME DUVAL. Green, veined and spotted crimson.

MAX KOLB. Grayish centre, with crimson blotches. 50 cents.

MERABILE.

MEYERBEER. White, veins green, mid-ribs red; fine.

MILTON. Red veins on gray centre, crimson blotches.

NAPOLEON III. Flamed crimson centre on green ground.

NEWMANI. Green, spotted rose.

PRINCE ALBERT EDWARD. Green, crimson, mid-rib and veins dotted with ivory white; black leafstem; extra. 75 cents.

REINE VICTORIA. Dark green, spotted white and crimson.

ROSSINI. Pale centre, pink ribs and red blotches.

RUBRA MACULATA. Dark green foliage, orange red spots.

RUBRA VENOSA.

TRIOMPHE DE EXPOSITION. Crimson centre, with red ribs.

WIGHTI. Light green, with crimson and white spots.

CISSUS DISCOLOR.

A beautiful hot-house creeper, the leaves of which are exceedingly showy and effective. 30 cents. \$3.00 per dozen.

CLERODENDRON BALFOURI.

A hot-house climber of great beauty. The flowers are of a bright scarlet, encased by a bag-like calyx of pure white; the trusses or panicles of flowers are upward of six inches in width, and when trained upon the rafters and hanging down, have a rich and elegant appearance. It can also be trained as a pot-plant, and is continually in bloom, although more profusely during the winter months. 25 to 50 cts.

CROTONS.

Ornamental plants with the richest spotted foliage, suitable for baskets, vases, fern, and wardian cases.

AUCUBÆFOLIUM. Green, spotted with yellow, like an Aucuba. 50 cts.

INTERRUPTUM. Very long wavy foliage, with red mid-ribs. 25 to 50 cts.

IRREGULARIS. Long green foliage, broad yellow mid-rib. 50 cts.

JOHANNIS. Very long, narrow, drooping foliage. \$1.00.

MAXIMUM. Very large, broad leaves, mottled green and yellow. 50 cts. to \$1.00.

RUBRUM PICTUM. Green, yellow and orange red. 50 cts. to \$1.00.

UNDULATUM. Dark green and orange, undulated margin. \$1.00.

VARIEGATUM. Large green and yellow leaves. 25 to 50 cts.

CYPERUS ALTERNIFOLIUS.

A fine foliage plant, forming a mass of reedy stems with broad tufted heads, very desirable as an aquarium plant. 25 to 50 cts.

DIEFFENBACHIA.

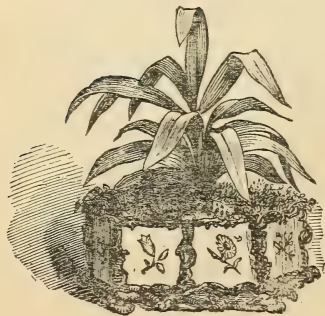
BARAQUINI. Waxy-like stems and ribs. 25 to 50 cents.

BAUSEI. Beautiful mottled foliage. 50 cents.

BRASILIENSIS (New). Very striking variegation, deep green leaf beautifully marked and mottled with small blotches of greenish yellow and white. \$1.00.

PICTA. Light green leaves, prettily spotted with white. 25 to 50 cts.

WEIRI. Leaves marbled with yellow. 50 cts.

DRACÆNA, or DRAGON TREE.

One of the most desirable of our ornamental foliage plants for decoration, either in or out-doors, as it does not appear to suffer under the dry atmosphere of rooms; and in a partially shady situation stands remarkably well during the summer out of doors. Its bright-colored crimson and scarlet-shaded foliage renders it very useful for the window-garden, planted as a centre-piece in a rustic stand, jardiniere, or window-box, or for summer decoration in vases, ornamental beds, etc. It thrives best in a light rich soil, composed of leaf mould, sand, loam, and

thoroughly decomposed manure. The color of the foliage is improved by mixing small bits of charcoal with the soil, and using the same also for drainage.

AMABILIS. Foliage green, white and pale violet, strong; splendid. \$1.00.

COOPERI. Broad drooping leaves, dark purplish green and crimson. 50 cts. to \$1.00.

ELEGANS RUBRA (New). A beautiful and distinct variety, short leaves, dark green, with blackish stripes and crimson margin. 75 cts.

EXCELSA. Large, oblong, bronzy brown leaves, Magenta border on the lower half of the leaf. \$1.00 to \$2.00.

FERREA. Dark bronzy red. 50 cts.

GUILFOYLEI. Long deep green leaves, striped white and pink. \$1.00.

NIGRESCENS. Greenish black foliage. \$1.00.

NIGRESCENS RUBRA. Greenish black, crimson margin. \$1.00.

RUBRA. Green foliage, crimson flowers. 50 cts.

STRICTA. Large broad leaves, deep crimson shadings on mature plants. 75 cts. to \$1.50.

TERMINALIS. Green and solferino leaves. 1 ft., 30 cts.; 15 inches to 2 ft., 50 cts. to \$1.00.

AUSTRALIS (*Cordyline*). Strong, graceful drooping leaves. 50 cts.

INDIVISA (*Cordyline*). Narrow drooping leaves; strong. 50 cts.

VEITCHI (*Cordyline speciosa*). Very fine large specimen plants, extra fine for vases. 50 cts. to \$1.00, \$3.00, and \$5.00.

FICUS ELASTICA—India Rubber Plant.

A fine old plant, which is becoming very popular in this country, not only in the hot-house but as a decorative plant for the drawing-room or flower-garden. Its thick leathery leaves make it especially valuable in consequence of doing perfectly well in the dry air of inhabited rooms; and this will enable many to enjoy a fine-leaved plant who have no glass-house. From 75 cts. to \$2.00.

FICUS CHAUVERI. Foliage much larger and broader than *F. elastica*, with cream-colored mid-rib. \$1.50.

COOPERI. Another variety, with narrower leaves than *F. elastica*, with red mid-rib. \$1.50.

PARCELLI. Large leaves, beautifully marbled with bright green and white. \$1.00.

RADICANS. \$1.00.

REPENS. A fine creeper for green and hot-house decoration. 30 cts.

TORENIA ASIATICA.

An exquisite, tropical soft-wooded plant, producing a profusion of waxy, porcelain blue flowers, tipped with rich violet-purple, in constant succession; it succeeds admirably out of doors in the summer season, where the situation is moist and half-shady, and from its trailing habit is well adapted for vases, rustic baskets, rock work, etc. 20 cts.

NEW AND RARE GLOXINIAS.

(See Illustration, page 91.)

Beautiful early summer-flowering, tuberous-rooted plants for the green-house or conservatory, with large bell-shaped flowers, of the most delicate and brilliant colors. There are two varieties—one with erect or upright flowers, and the other with drooping or pendulous ones.

We offer 24 varieties of drooping and pendulous sorts. 30 cts. \$3.00 per dozen.

G. INSIGNIS. A tall shrubby-growing variety, with large glossy green leaves; producing spikes of large gloxinia-like flowers, of deep lilac color, lasting until Christmas. 30 cts.

IXORAS.

A tribe of dwarf winter and spring flowering plants, of long duration in bloom, requiring shade and warm temperature in winter; the flowers are produced in large clusters of white, salmon, orange and red.

Young plants, 50 cts., except where noted. Large plants, \$1.00.

BLANDI. Blush white.

COCCINEA. Salmon scarlet.

COCCINEA SUPERBA. Very rich salmon scarlet. 75 cts.

CROCATA RUTILANS. Salmon.

JAVANICA. Orange.

ROSEA. Rosy salmon. 75 cts.

LINGULARIA KÆMPFERI FOLIS VARIEGATIS.

A handsome Japanese plant, with large, thick, glossy green leaves, handsomely variegated with white; requires shade. 75 cts.

MARANTA.

BARAQUINI. 50 cents.

BICOLOR. 50 cents.

FASCIATA. 50 cents.

MICANS. 30 cents.

MAKOYANA. A beautiful new variety. \$1.00.

ZEBRINA. An excellent and robust-growing variety, very useful for Wardian cases, window boxes, etc. 30 cents. \$3.00 per dozen.

PORTEANA. 75 cents.

REGALIS. \$1.00.

SANGUINEA. 50 cents.

VAN DEN HECKEL. 75 cents.

NÆGELIAS (Gesneras).

The value of Nægelias as decorative plants can scarcely be over-estimated. Most of them have rich, velvet-like foliage, which, in the respective kinds, varies from green to crimson, while their pyramidal spikes of blossoms are extremely handsome. The tubers are kept dry in pots during the winter until March, and then started in pots. 30 cents.

CHARLES RAES. Green and velvety foliage, rose tube inside white, dotted carmine.

CHROMATELLA. Marbled dark and light velvety-green foliage; flowers rose, yellow and orange.

LEICHTLINI. Green and purple foliage, carmine and lemon flowers.

The following NEWER SORTS at 75 cents each except where noted.

AMABILIS. Snow-white flowers, green foliage.

BOILDE. Orange vermilion flowers, splendid marbled foliage.

CHAIR ET CAPUCINE. Delicate flesh color spotted and bordered with red; magnificent foliage. \$1.00.

GUILLAUME TELL. Dark orange scarlet flowers, crimson marbled leaves. \$1.00.

INCENDIE. Fiery red flowers, splendid foliage.

LEOPARD. Brilliant vermilion flowers, encircling a cream-colored ground. \$1.00.

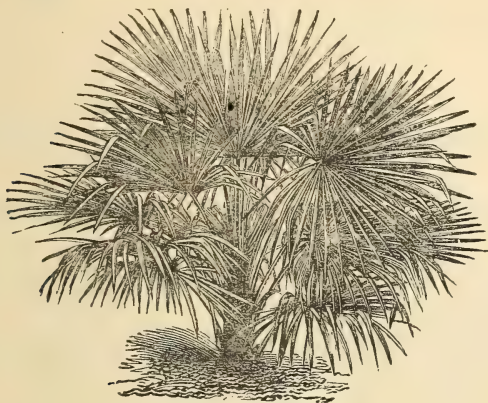
MAZEPPA. Orange vermilion flowers, magnificent striped foliage. \$1.00.

SCEPTRE CERISE. Flowers vermilion dotted with yellow ; foliage green and maroon. \$1.00.

SCEPTRE CORAIL. Coral red flowers, rich green and purple leaves. \$1.00.

OPHIOPOGON JABURAN FOLIS VARIEGATIS

A very fine Japanese plant, with narrow leaves a foot long, elegantly ribboned with yellow, flower spikes, violet rose ; an excellent plant for baskets and vases. \$1.00.



PALM—CHAMÆROPS EXCELSA.

PALMS.

The following is a select list of rare and handsome varieties, which we can recommend of easy culture for apartments, conservatory decoration, and vase plants during the summer :

ARECA AUREA. Golden stems. \$5.00.

ARECA LUTESCENS. Fine yellow stems. \$3.00 to \$5.00.

ARECA RUBRA. Handsome red stems. \$4.00.

ARECA VERSCHAFFELTI. One of the most elegant varieties. \$5.00.

BRAHEA FILAMENTOSA. \$1.00.

CARYOTA URENS. \$1.00.

CHAMÆDOREA AMAZONICA. \$5.00.

CHAMÆROPS EXCELSA. A handsome fan palm. \$1.00 to \$3.00.

CHAMÆROPS GIESBRECHTI. \$1.00.

CHAMÆROPS HUMULIS. A very showy dwarf, hardy fan palm. \$2.00.

COCOS ROMANZOFFIANA. \$1.50.

CORYPHA AUSTRALIS. (*Australian Fan Palm.*) \$2.00 to \$5.00.

CYCAS REVOLUTA. (*Sago Palm.*) Small, \$1.00 ; large, from \$10.00 to \$15.00.

JUBÆA SPECTABILIS. A magnificent variety. \$5.00.

LATANIA BORBONICA. (*Chinese Fan Palm.*) 50 cts. to \$3.00 and \$5.00.

LIVISTONA HOGENDORPI. A fine fan palm. \$4.00.

LIVISTONA OLIVÆFORMIS. A rare fan palm. \$5.00.

OREODOXA REGIA. \$2.00.

- PHŒNIX DACTYLIFERA. (*The Date Palm.*) \$2.50 to \$8.00.
 PHŒNIX RECLINATA. \$3.00.
 PHŒNIX SYLVESTRIS. The finest. \$4.00.
 PRITCHARDIA FILIFERA. A handsome fan with long white filaments. A beautiful variety discovered in Colorado; illustrated in the "*Gardener's Monthly*," December, 1876. \$1.50.
 PTYCHOSPERMA ALEXANDRÆ. \$2.00.
 SEAFORTHIA ELEGANS. \$3.00 to \$5.00.
 THRINAX ARGENTEA. \$1.00.
 TRITHRINAX MAURITIEFORMIS. A beautiful and rare palm, with broad glaucous green fans. \$5.00.
 1 Specimen of *Areca Lutescens*, 8 feet high, \$25.00.
 " " *Cocos Plumosa*, 10 " " 25.00.
 " " *Coronata*, 8 " " 25.00.

STEPHANOTIS FLORIBUNDA.

A magnificent conservatory climber, producing large white trumpet-shaped flowers in clusters, very fragrant. 50 cents to \$1.00.

MISCELLANEOUS HOT-HOUSE PLANTS.

Requiring a temperature from 55° to 75°.

Prices vary, according to size, from 25 cts. to \$1, except where noted. For descriptions and list of varieties, see *Catalogue of Bulbs, etc.*, issued September 1st of every year.

- ACALYPHA TRICOLOR. Foliage mottled with crimson. 75 cts.
 ALLAMANDA SCHOTTI and VIOLACEA. 50 cts. to \$1.00.
 ANTHURIUM SCHERZERIANUM. \$1.00 to \$2.00.
 ARDISIA CRENULATA. Bearing red berries.
 ARDISIA CRENULATA ALBA. White berries. 75 cts.
 BLETIA TANKERVILLIÆ. Beautiful brown, white, and purple flowers; an easy-growing orchid. 75 cts.
 CAMPSIDIUM FILICIFOLIUM. A fern-leaved creeper. 75 cts.
 CRINUM AMABILIS. Young plants. 75 cts.
 CYPRIPEDIUM INSIGNIS. An easy-growing orchid. 75 cts.
 EPIPHYLLUM. Of sorts.
 ERANTHEMUM PULCHELLUM. Blue flowers. 50 cts.
 EUCHARIS AMAZONICA. Strong. \$1.00.
 EUPHORBIA JACQUINIFLORA. Bright scarlet flowers.
 HOYA CARNOSA. Wax plant.
 IMANTOPHYLLUM MINIATUM. \$1.50 to \$2.50.
 CYRTANTHIFLORUM. \$3.00.
 JASMINUM GRANDIFLORUM. Catalonia Jasmine.
 GRAND DUKE OF TUSCANY. Large double white flowers, imbricated. 50 cts.
 SAMBAC. Arabian Jasmine. 50 cts. SAMBAC, fl. pl. 50 cts.
 PANDANUS UTILIS. Screw pine. \$1.00.
 PASSIFLORA ALATA. 50 cents. PRINCEPS. \$1.00.
 CÆRULEA. 25 cts. DECAISNEANA. 50 cts. RACEMOSA. 50 cts.
 PITCAIRNEA SPLENDENS. 75 cents.
 PLUMBAGO ALBA. Pure white. CAPENSIS. Sky blue.
 POINSETTIA PULCHERRIMA. Brilliant scarlet bractea.
 POINSETTIA P. PLENISSIMA. Double. 50 cts. to \$1.00.
 RUSSELIA JUNCEA. Scarlet flowers, drooping habit.
 SANCHEZIA NOBILIS. 50 cts. to \$1.00.
 STRELITZIA REGINÆ. The Queen plant. \$2.50 to \$4.00.
 TACSONIA VAN VOLXEMI. Scarlet. 50 cts.
 THUNBERGIA LAURIFOLIA. 50 cts.

GREEN-HOUSE PLANTS.

AZALEAS.

A splendid collection of the finest and latest introductions.

Trained plants of symmetrical growth, strong, \$1.25; \$12.00 per doz.; extra strong and large, \$1.75; \$15.00 per doz.; small plants, 50 cts.

CAMELLIA JAPONICA.

The following list comprises the most popular varieties of this favorite winter-blooming plant. The prices vary, according to size, from 75 cts. to \$10.00.

ALBA PLENA. Double white.
ALBA PLENA FIMBRIATA.
Fringed edges.
ALEXINA. Blush, striped rose.
CALEB COPE. Blush rose.
CANDIDISSIMA. Creamy white.
CHALMERI. Clear rose.
DUCHESS D'ORLEANS. White,
striped with crimson.
DUNLAP'S WHITE.
FEASTI. Delicate salmon and rose.
GILESI. Red and white, fine.
HENRI FAVRE. Salmon rose.
IMBRICATA. Crimson, spotted
white.
JEFFERSONI. Deep crimson.
JENNY LIND. White, with occa-
sional flakes of rose.
JOAN D'ARC. Rose, spotted white.
LADY HUME'S BLUSH. Peach
color.

LANDRETHI. Beautiful pink.
LEILI. White, with light rose
streak.
MAGDALENA LESHI. Crimson,
spotted with white.
MRS. COPE. White, with pink
stripe.
PRINCE ALBERT. Blush, striped.
QUEEN OF DENMARK. Crimson,
shaded with rose.
R. J. DOWNING. Flesh color.
REINE D'FLEURS. Crimson.
SARAH FROST. Rosy crimson.
SACCO MAGNIFICA. Pale rose.
SHERWOODI. Light crimson.
TRICOLOR. Blush, crimson and
rose.
WILDERI. Clear rose, fine.
WILLIAM PENN. Dark red.
WILLIAM IV. Fine rose.

Camellia stocks for grafting, \$3.00 per doz.; \$18.00 per 100.

CAPE JASMINES

Are desirable for their pure white and delightfully fragrant flowers; blooming in May, June, and July, at a season when pure white flowers are scarce, they are highly prized in Brides' Bouquets, Wreaths, etc. 25 cts. to \$1.00. The varieties are,

GARDENI FLORIDA.
FORTUNI.

GARDENI CAMELLIA FLORA.
RADICANS.

GARDENI RADICANS VARIEGATA. Variegated foliage.

CESTRUM.

PARQUI (*Night-blooming Jasmine*). A favorite plant, for the delightful odor of its otherwise attractive greenish-white flowers; of easy cultivation; succeeds well when planted out, blooming during the summer. 25 cts.

AURANTIACUM. A pure orange winter-flowering variety. 30 cts.

COPROSMA BAUERIANA VARIEGATA.

A dwarf evergreen green-house shrub, with bright glossy ovate green leaves, shaded with yellow; ornamental for bedding out. 50 cts.

CRAPE MYRTLES.

LAGERSTRÆMIA INDICA ALBA. White Crape Myrtle; fine healthy plants. From 25 to 50 cts. each.

INDICA KERMESINA. A fine crimson variety of the above. 50 cts.

INDICA. The old and popular pink Crape Myrtle. From 25 to 50 cts.

ECHEVERIAS AND SUCCULENTS.

E. ATROPURPUREA. Long purple leaves, with tall flower-stems, and crimson bell-shaped flowers. 25 cts.

E. METALLICA. A fine and stately plant, with very large shell-like leaves of a beautiful metallic, lilac hue, with tall flower-stems covered with bell-shaped, yellow, and scarlet flowers, strong. 50 cts.

E. METALLICA GLAUCA. A fine hybrid of *M.*, large stemless leaves. 50 cts.

E. ROSEA. In the style of *Secunda Glauca*, larger, better shape, and higher glaucous color. 25 to 50 cts.

E. SECUNDA. Leaves green; flowers yellow and scarlet; fine for edgings or rock-work. 25 cts.

E. SECUNDA GLAUCA. Leaves of a beautiful glaucous green; flowers similar to the foregoing variety. 25 cts.

OTHONNA CRASSIFOLIA. A drooping sedum-like plant, one of the most desirable plants for baskets, vases, or hanging pots. Its foliage is fleshy, like that of the *Mesembryanthemum*, but delicate and graceful, and it makes a rapid growth under very unfavorable treatment, drooping several feet below the basket. Flowers bright yellow and tassel-like. If planted in the garden among shrubbery, in the spring, it will make a very pretty mat, almost a carpet. It delights in the hottest sun. 20 cents. \$2.00 per dozen.

SEDUM HOWARDI. Green, handsomely variegated with white. 50 cts.

S. SIEBOLDI VARIEGATUM. A beautifully variegated variety. 30 cts.

SEMPERVIVUM ARACHNOIDEUM. It has the appearance of a silvery bed of cobwebs above the leaf; curious and striking. 50 cts.

S. CALIFORNICUM. Dark green leaves, with reddish margin and dark brown points. 25 cts.

LYCOPODIUMS.

SELAGINELLA ATROVIRENS, CÆSIUM. Steel blue.... each... 25

CÆSIUM ARBOREUM..... 25

DENSA..... 15

DENTICULATA..... Per doz., \$1.50..... 15

DENTICULATA VARIEGATA..... Per doz., \$1.50..... 15

LEPIDOPHYLLUM..... 15 to 25

MARTENSI COMPACTA, PARDOXA, VARIEGATA..... each..... 25

RUBRICAULIS, PLUMOSA, INVOLUCRATA, each..... 25

SCHOTTI. Fine for baskets..... Per doz., \$2.00..... 20

SERPENS. Green, with silvery shade..... 25

UMBROSA. WILDENOWI..... each..... 25

MYRSIPHYLLUM ASPARAGOIDES.

Known best in cultivation as *SMILAX*. A most beautiful climbing plant, from the Cape of Good Hope, surpassing every other in the glossy, wavy, deep green, and delicate grace of its foliage, valuable for vases or hanging baskets. For cut-flowers, especially for wreaths and decoration, it is considered indispensable by all florists. 25 cts.; \$2.50 per doz.



FERN PTERIS ARGYREA.

FERNS.

25 cents each ; \$2.50 per dozen, except where noted.

- ADIANTUM AMABILE. ASSIMILE (*Maiden Hair*). CONCINNUM LATUM. CUNEATUM (*Maiden Hair*). DIAPHANUM. 50 cts.
 FARLEYENSE. The most magnificent of Maiden Hair ferns. \$1.00.
 FORMOSUM. PUBESCENS. TRAPEZIFORME. 30 cts.
 ALSOPHILA AUSTRALIS (*Australian Tree Fern*). 75 cts. to \$2.00.
 ATHYRIUM GORINGIANUM PICTUM. Beautifully variegated.
 CHEILANTHES HIRTA.
 CYATHEA DEALBATA (*Australian Tree Fern*). \$1.00.
 DICKSONIA ANTARCTICA (*Australian Tree Fern*). 50 cts. to \$1.00.
 GYMNOGRAMMA CHRYSOPHYLLA (*Golden Fern*).
 DISSECTA. Finely divided fronds.
 LAUCHEANA GIGANTEA. Finest golden fern.
 OCHRACEA. Creamy white.
 PERUVIANA ARGYROPHILLA. Finest silver fern.
 SULPHUREA (*Sulphur Fern*). TARTAREA. Hardest silver fern.
 WETTENHALLIANA. The finest sulphur fern. 50 cts.
 LASTRAEA PATENS.
 LOMARIA GIBBA CRISPA (rare). 50 cts.
 LOMARIA GIBBA. CILIATA (*Dwarf Tree Ferns*).
 LYGODIUM SCANDENS. A climbing Japanese fern.
 POLYSTICHUM ANGULARE.
 PTERIS ARGYREA. CRETICA ALBO-LINEATA. HASTATA.
 NEMORALIS VARIEGATA. Rosy-silvery variegation. PALMATA.
 SERRULATA. SERRULATA CRISTATA. TREMULA.
 TRICOLOR. One of the finest.

POMEGRANATES.

These beautiful plants of symmetrical growth can be advantageously used as bedding plants or for pot culture, which, with the facility of keeping over winter, make them very popular plants.

- PUNICA GRANATUM RUBRO PLENA.** Double crimson. 25 to 50 cts.
NANUM. Dwarf, free-flowering. 25 to 50 cts.
ALBA PLENA. Double creamy white. 50 cts.
LEGRELLEI. Double creamy white, edged aurora. 50 cts.

RHYNCOSPERMUM JASMINOIDES.

A beautiful green-house plant, with glossy evergreen foliage, and masses of pure white Jasmine-like flowers, delightfully fragrant; in bloom about May and June. It is of a climbing habit, and presents a beautiful appearance when properly trained; is also a very desirable flower for bouquets, etc. 25 to 50 cts.

JASMINOIDES AUREA VARIEGATA. 25 to 50 cts.

JASMINOIDES ARGENTEA VARIEGATA. 25 to 50 cts.

RICHARDIA ALBA MACULATA.

A dwarf variety of the "Calla Lily;" flowers smaller, leaves covered with pure white spots. 30 cts.; \$3.00 per doz.

YUCCA.

- ALCEIFOLIA.** Handsome purplish green. 50 cts. to \$1.00.
ALCEIFOLIA VARIEGATA. Very fine. \$1.00 to \$5.00.
RECURVA. A valuable hardy variety; fine for vases or out-door planting; exceedingly graceful, recurving habit. 25 cts. to \$1.00.
FILAMENTOSA (*Adam's Needle*). Hardy. 25 to 50 cts.

MISCELLANEOUS GREEN-HOUSE PLANTS.

Prices vary, according to size, from 25 cts. to \$1.00, except where noted.

- ABUTILON.** Six varieties. 25 cts. each.
ACACIA. Of sorts. 50 cts. to \$2.00.
ADHODOTA CYDONIAFOLIA. Climber; lilac and purple flowers.
AMARYLLIS. \$1.50 to \$2.00.
ASPIDISTRA ELATIOR VARIEGATA. Large variegated foliage.
AUCUBA JAPONICA. Blotched foliage.
AZALEAS. A splendid collection. From 50 cts. to \$2.00.
BIGNONIA VENUSTA. Climber, with brilliant orange flowers in clusters; profuse bloomer. 50 cts. to \$1.00.
CALLA ÆTHIOPICA (*Lily of the Nile*).
NANA. Dwarf. 50 cts.
CAMELLIAS. Of sorts. See page 137.
CEREUS GRANDIFLORA. Night-blooming Cactus. 50 cts. to \$1.00.
CESTRUM AURANTIAECUM. 25 cts.
CHOROZEMA VARIUM. Bright orange and red flowers.
COPROSMA BAUERIANA VARIEGATA. 50 cts.
DAPHNE INDICA. 50 cts.

- ECHEVERIA. Of sorts. See page 133.
 EUPATORIUM RIPARIUM.
 FUCHSIA. See page 146.
 GENISTA FRAGRANS. Orange-yellow blossoms, fragrant. 50 cts.
 HELIOTROPE. See page 148.
 HETEROCENTRUM ROSEUM. Bright rose, very floriferous.
 LIBONIA FLORIBUNDA. Orange and yellow; winter flowering.
 MAGNOLIA FUSCATA. Fragrant. 75 cts.
 MAGNOLIA GRANDIFLORA. 50 cts. to \$1.00.
 MAHERNIA ODORATA (*Honey Bell*). Yellow; very fragrant.
 MUSA ENSETE (*Abyssinian Banana*). A splendid plant for sub-tropical gardening; plants from 1 to 3 ft. \$3.00 to \$5.00.
 MYRSIPHYLLUM ASPARAGOIDES (*Smilax*). 25 cts.
 NERIUM (*Oleander*). Of sorts. See page 127.
 PALMS. See page 135.
 PITTOSPORUM VARIEGATUM. 50 cts.
 PHORMIUM TENAX (*New Zealand Flax*). Highly ornamental. \$1.00.
 PLEROMA ELEGANS AND PURPUREA.
 PLUMBAGO CAPENSIS. Sky-blue.
 POMEGRANATE. See page 140.
 PRIMULA ACAULIS. Double white. 30 cts.; \$3.00 per doz.
 ACAULIS. Double lilac. 50 cts.
 JAPONICA. 30 cts.
 SINENSIS. Four varieties. 25 cts.
 RHYNCOSPERMUM JASMINOIDES. Pure white; very fragrant.
 STEVIA ODORATA. 25 to 50 cts.
 TROPÆOLUM LOBBIANUM, GEANT DES BATAILLES. Climbing, small-fringed crimson flowers, extra fine. 25 cts.
 VERONICA VARIEGATA. 25 cts.
 VIBURNUM TINUS. 25 to 50 cts.

ORNAMENTAL FOLIAGE PLANTS.

A choice selection of the most desirable kinds, rare and indispensable, for rich effects in garden decoration, as well as producing a grand tropical appearance when planted in groups on the lawn or arranged in the green-house in winter. The Alternantheras are used for the outer row of ribbon beds. The silver foliage plants next are planted, when for the inner rows either Coleus, Achyranthus, or Celosia Huttoni may be employed, while the centre plants may be Cannas, a Solanum, Wigandia, Aralia or Bocconia. Any combination may be formed in sufficient contrast to suit the tastes of the designer.

ABUTILON—Chinese Bell-Flower.

Plants of strong growth, and easy cultivation; flowering very freely, and desirable on account of their continuous bloom for the borders, as well as for the green-house or room in the winter.

- AUREUM MACULATUM. Green and yellow mottled foliage, flower yellow veined with crimson; splendid bedder. 25 cts. \$2.50 per doz.
 BOULE DE NIEGE. The finest white flowering variety. 25 cts.
 DARWINI. Large expanded buff yellow flowers; very free. 25 cts.
 JOHN HOPKINS. Large canary yellow flowers. 25 cts.
 PATTERSONI. Beautiful green foliage, large crimson flower. 25 cts.
 VEXILLARIUM AUREUM PICTUM. Flowers scarlet; petals golden yellow; free bloomer, dwarf drooping spreading habit; foliage golden and marbled; useful in vases and as a bedding plant. 25 cts.
 WILLIAM FOWLER. Bright yellow flowers. 25 cts.

For new Abutilons, see page 123.

ACHYRANTHUS.

Fine robust foliage plants, suitable for either sunny or shady situations. 20 cents. \$2.00 per dozen.

ACUMINATA. Large purple heart-shaped leaves.

AUREA RETICULATA. Yellow, green and crimson.

LINDENI. Dark purple elliptic foliage.

LINDENI VARIEGATA. Foliage green, veined with yellow.

ALTERNANTHERAS.

Dwarf plants for edgings or clumps, in sunny situations, varying in the richest tints of green, crimson, amber, orange. 15 cents. \$1.50 per dozen. \$8.00 per 100.

AMABILIS TRICOLOR. Orange, crimson and dark green.

AMENA SPECTABILIS. Crimson, pink and brown; the finest and brightest.

VERSICOLOR. Foliage ovate, olive, crimson and chocolate; when used for edgings they are to be frequently sheared like box edging, when the young tips will assume the most brilliant hues.

AMARANTHUS SALICIFOLIUS.

This plant is of pyramidal form, from 3 to 5 ft. high, branching close to the ground. The leaves in the earlier stages of growth are beautifully undulated, of a bronzy green shade; as the plants mature the branches assume a bright orange red color; highly ornamental; plants ready May 1st. 25 cents.

ARALIA PAPYRIFERA.

A very showy plant, with large handsome leaves, the under side of which is covered with a woolly down; fine for vases or bedding out. 50 cents.

BAMBUSA.

The following are elegant reeds, of dwarf and medium growth, giving a graceful appearance to sub-tropical groups, and very useful in decorating aquariums or fountains.

AUREA VARIEGATA (very rare). Beautifully striped with light green and yellow; fifteen to eighteen inches high. 50 cts.

FORTUNEI VARIEGATA. White and green striped; dwarf. 25 cts.

METAKE. Elegant, broad green foliage; medium height. 50 cts.

SIMONSI ARGENTEA. Silver striped; 4 to 5 feet. 25 to 50 cts.

BOCCONIA JEDDÆNSIS.

A fine hardy perennial from Japan, with very large oak-leaf-shaped glaucous foliage, and large panicles of white flowers. 25 cts.

CELOSIA HUTTONI.

More desirable than the *Achyranthus* as a bedding plant. It grows about three feet high, of a compact, pyramidal form, and bushy habit, profusely branched, the upper surface of the leaf being a deep claret color, while the under side is of a bright crimson shade. To be highly recommended. Ready in May. 20 cts. \$2.00 per doz.

IRIS FÆDITISSIMA FOLIIS VARIEGATIS.

A highly ornamental and rare variety of "flag;" graceful foliage, ornamented with bands of creamy white. 50 cts.

CANNA—Indian Shot Plant.

These are particularly desirable for our hot and dry summers.



The very great improvement obtained of late years in this class of ornamental plants, consisting of large foliage, beautifully shaded with various bronzy tints, together with the richly colored flowers of more than double the size of the old varieties, makes it very desirable. The roots can easily be wintered in a dry cellar.

The following list has been selected as the best from a very large collection of new and old varieties.

25 cts. \$2.50 per dozen.

For new Cannas, see page

- ADELE LEVALOIS.** Short broad foliage, rich crimson flowers.
ANNEI DISCOLOR. Bright bronzy maroon foliage.
BHIORELLI SPLENDENS. Flowers scarlet; foliage dark purple.
BONNETTI FLORIBUNDA. Flowers red; foliage shaded purple.
BRENNINGSI. Broad green foliage, ornamented with broad bands of yellow; constant variegation.
COMPACTA. Green foliage, flowers yellow spotted with scarlet.
COQUETTE. Green and bronze foliage, the largest orange flowers.
DEPUTY HENON. Foliage glaucous green; flowers lemon and buff.
LIERVALLI. A tall variety, dark leaves.
LISERE D'OR. Pea green foliage, golden margined, orange flowers.
MARECHAL VAILLANT. Rich maroon foliage.
NE PLUS ULTRA. Flowers dark scarlet; foliage bronzy purple.
NIGRICANS. Flowers large vermilion; dark-leaved variety.
ORNEMENT DU GRAND ROND. Bronzy green foliage, large scarlet flowers.
PREMICES DE NICE. Tall green leaves; golden yellow flowers.
PRES. FAIVRE. Foliage bronzy maroon, flowers large crimson; extra.
RENDATLERI. Flowers large orange; foliage green and purple.
TRICOLOR. Flowers blood-red; foliage green, red and yellow.
ZEBRINA. Beautiful large bronzy-shaded foliage.

COLEUS—(Select Varieties).

The most popular decorative foliage plant. In order to produce a symmetrical growth, the plants should be pinched frequently while in a growing state. 20 cts. \$2.00 per dozen.

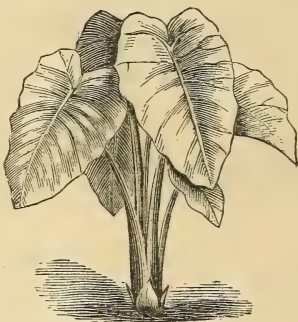
- ACIS.** Carmine-crimson, golden edge.
AJAX. Dark crimson with serrulated yellow edge; fine.
BARONESS ROTHCHILD. Crimson, dark shadings, golden edge.
BRILLIANT. Bronzy crimson, dark veins and shadings, golden edge.
CHAMELEON. Variegated violet, rich scarlet and chocolate, with white edge. Stock selected with reference to richness of color.

CROWN JEWELS. Claret-crimson, broad margin of golden yellow.
LADY BURRELL. Upper half of leaves crimson, lower half yellow.
GOLDEN BEAUTY. Crimson, wavy, with golden edge.
MERRIMAC. Lemon color, with large bronze-colored blotch.
MAROON VELVET. Rich velvety maroon.
PRINCESS OF WALES. Magenta edge; narrow, yellow edge.
RAINBOW. Bright blood-red crimson, yellow margin.
SUNBEAM. Dark bronzy crimson, golden edge.
SHAH. Like Lady Burrell, on mature growth.
VERSCHAFFELTI. Bronzy crimson; the well-known bedder.
ZANZIBAR. Canary-yellow, with crimson blotch.

COLOCASIA (CALADIUM) ESCULENTUM.

One of the most beautiful and striking of the *Ornamental Foliage Plants* in cultivation, either for culture in large pots or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture; when of full size it stands about five feet high, with immense leaves, often measuring four feet in length by two and a half in breadth; very smooth, of a light green color, beautifully veined and variegated with dark green. The root should be preserved in dry sand during the winter, in a very warm, dry place.

25 to 50 cts. \$2.50 to \$5.00 per dozen, according to size.



COLOCASIA BATAVIENSIS. Dark green foliage. 25 to 50 cts.

PHORMIUM TENAX—New Zealand Flax.

Long sword-like evergreen leaves, suitable for ornamental groups or vases; nearly hardy, and can be wintered in a cellar. \$1.00.

VARIEGATA. Beautifully striped foliage; large specimens. \$2. to \$5.

WIGANDIA CARACASANA.

A stately ornamental plant, with very large bright-green foliage, covered with hairy-like spines; a fine pyramidal spike of purple flowers. 50 cts.

WHITE (SILVER) FOLIAGE PLANTS.

Forming a fine contrast with *Alternantheras*, *Achyranthus*, *Coleus*, and other foliage plants.

ACHYROCLINE SAUNDERSONI. New dwarf silver-foliage, resembling box edging; fine. 25 cts.

CENTAUREA CANDIDA. Downy white; compact foliage. 20 cts.

CENTAUREA GYMNOCARPA. Fine fern-like appearance; one of the best. 20 cts. \$2.00 per dozen.

CINERARIA CERATOPHYLLA (New). Its habit is exceedingly neat and dense, throwing out a pyramidal form, beautiful cut or fern-like foliage; a valuable sort. 50 cts.

CINERARIA CANDIDISSIMA. A great improvement on the old "Dusty Miller," more compact, of fine silvery white foliage; a fine ribbon plant. 20 cents. \$2.00 per dozen.

CINERARIA MARITIMA, or "Dusty Miller." 20 cents.

GLAUCIUM CORNICULATUM. A recent introduction, with soft velvety silver-gray leaves, much in the style of *C. Gymnocarpa*; it is a first-class edging plant, enduring our climate better than any of this class. \$1.50 per dozen. \$8.00 per hundred.

GNAPHALIUM LANATUM VARIEGATUM. Foliage variegated, and not so rank a grower as *Lanatum*; very fine for vases, baskets, and ribbon beds. 20 cents. \$2.00 per dozen.

RIBBON BEDS.

In view of the largely-increasing demand for plants of this class for ribbon beds, groups, etc., we have prepared a list of those best suited to our climate, as well as a plan for the arrangement with respect to their several heights. Planting in this style admits of unlimited variety in the form of the beds and contrasts of color. A less number of rows than the number given below will suffice for small beds. Attention should be given to the heights of those plants classified in the First Row, which vary from 3 in. to 1 ft. Frequent attention is necessary throughout the season, by pinching, trimming, and training, to obtain an uniform and symmetrical appearance to the rows and the whole effect.

The prices are given by the 100. When large lots are wanted, or a special plan desired, estimates at special rates will be given.

Plants Designed for First or Outer Rows.

ALTERNANTERA AMABILIS TRICOLOR.....	\$8.00 per 100.
ALTERNANTERA AMENA SPECTABILIS. The brightest colored, making the finest edging.....	8.00 "
ALTERNANTERA VERSICOLOR.....	8.00 "
CENTAUREA CANDIDA.....	12.00 "
CENTAUREA GYMNOCARPA.....	10.00 "
GLAUCIUM CORNICULATUM.....	8.00 "
GOLDEN FEATHER. A first-class edging.....	6.00 "
PLUMBAGO LARPENTÆ. Dark blue flowers, a continuous bloomer.....	8.00 "

Second Rows.

GERANIUMS are best suited; the three best sorts are, MASTER CHRISTINE, pure rose color; CHRISTINE NILSSON, salmon pink; and GENERAL GRANT, scarlet.....	10.00 "
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Third Rows.

COLEUS VERSCHAFFELTI. SUNBEAM AND MAROON VELVET are the best for sun.....	8.00 "
VINCA ROSEA, ALBA, and ALBA PURA, cannot be too highly recommended, blooming continuously throughout the season; they thrive in any soil, sun or shade,	10.00 "

Fourth Row.

CANNAS. Of sorts; tall growing varieties for beds of larger size. \$2.50 per dozen.

Centre Plants.

CANNA. Tall growing sorts.....	25 cts. each.
MUSA ENSETE	\$10.00 to \$15.00 "
RICINUS SANGUINEUS AND GIBSONI	25 cts. "
SOLANUM WARSCEWICZI	30 " "
WIGANDIA CARACASANA	50 " "

BEDDING PLANTS.

BOUVARDIAS.

Shrubby plants with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color, and formation of flower, make them one of the most useful of our winter-blooming plants for bouquets.

Strong thrifty plants of last season's growth, which can be bedded out for summer blooming, and lifted in the fall for winter flowering. 30 cts. \$3.00 per dozen. Smaller size \$2.00 per dozen. \$10.00 per 100.



DAVIDSONI. One of the best of the white-flowered varieties.

ELEGANS. Salmon-scarlet. Extra large and fine.

HUMBOLDTI CORYMBIFLORA. Snow white, very fragrant. 30 cts.

LADY HYSLOP. Large clusters of fine blush flowers. 30 cts.

LEIANTHA. Fine scarlet.

ERYTHRINA CRISTA-GALLI, OR CORAL PLANT.

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes eighteen inches long. Plant them in the garden in May, and they will flower profusely three or four times in the course of the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. Price from 25 cents to \$1.00 each, according to size.

ERYTHRINA SPLENDENS. A variety of the above. The flowers are of a deeper crimson; profuse bloomer. Price \$1.00.

REMONTANT, OR MONTHLY CARNATION.



Very desirable for their free blooming qualities during the winter and early spring months. Young plants set out in the garden will bloom profusely during the summer months, and if lifted and potted in the fall, will continue blooming the entire winter. We offer two sizes of plants. The first size are strong, bushy young plants in 3-inch pots, which when bedded out will require no pinching, and commence to bloom in July. 25 cts.; \$2.50 per doz. The second size, grown in 2-inch pots, are intended for autumn and winter blooming;

when bedded out in rich soil and pinched during early summer, will make fine plants for winter flowering. 20 cts.; \$2.00 per doz.; \$10.00 per hundred. Large plants in the fall, 40 cts.; \$4.00 per doz.

- ADMIRAL FARRAGUT. Creamy white, edged purple.
- ASA GRAY. Blush, striped vermillion.
- ASTORIA. Yellow, flaked with scarlet.
- ATKINSON'S SEEDLING. Rich pink.
- BETSY. Large brilliant scarlet; extra fine.
- BUTTERFLY. Orange buff, flaked with purple.
- COVENT GARDEN SCARLET. Large light scarlet; vigorous habit.
- DEFIANCE. Crimson, shaded with purple.
- DONADI'S PRIDE. White, edged with pink; extra.
- EDWARDSI. Large pure white; extra.
- GEN. VON MOLTKE. Buff, flaked crimson.
- GEO. WASHINGTON. White, striped and dotted cherry.
- HENRY WARD BEECHER. White, flaked maroon and crimson.
- ISABELLA BARNUM. Buff, flaked with carmine.
- JAMES MONROE. Yellow striped scarlet, showy.
- LA BELLE. Fine white; very floriferous.
- LA PURETE. Carmine; very free-flowering.
- LOUISE LENOIR. Dark maroon.
- MRS. POTTER. Richer in color than La Purete, same in other particulars.
- MRS. WILSON. Brilliant scarlet.
- PEERLESS. Large white.
- PRESIDENT DE GRAW. Pure white; very floriferous.
- RADETZKY. Rose, with broad violet-purple stripes.
- VARIEGATED LA PURETE. Rose, striped with white.
- VESUVIUS. Bright scarlet.

FUCHSIAS—General Collection.

The Fuchsia or "Lady's Eardrop" constitutes certainly one of the most graceful tribe of plants. They all require a shady situation during the summer months, and must not become pot-bound before flowering; the best soil is a rich sandy loam, or equal parts of loam, sand, and

manure thoroughly decomposed. The following have been selected and retained as the best.

Persons desiring large specimen plants must leave the selection of varieties to us, as we grow only such as are suitable for that purpose.

Young thrifty plants. Price 25 cts. each; \$2.50 per dozen, except where noted. Large plants, from 50 cts. to \$1.00 each.

Double Corolla Varieties.

- ALPHA. Fine double purple corolla; crimson sepals.
 AVALANCH. Violet-purple corolla; bright carmine tube and sepals.
 BRUNNA. White corolla, carmine sepals; floriferous.
 ELM CITY. Crimson sepals; fine dark-purple corolla.
 EMPEROR OF BRAZIL. Crimson sepals; corolla very double; violet-purple, flaked with rosy carmine.
 ENCHANTRESS. Fine large double white corolla.
 EUROPA. Coral-red sepals; white corolla.
 GALILEO. Carmine sepals, purplish mauve corolla.
 GEORGE FELTON. Large purple corolla, crimson sepals; early.
 GRAF ANDRASSY. Dark violet-purple corolla, crimson sepals.
 LA NEIGE. White corolla, carmine sepals.
 MAD. A. VERSCHAFFELT. Rose corolla; bright crimson sepals.
 MAD. LEMOINE. Carmine sepals; white corolla.
 MARKSMAN. Extra large dark-purple corolla; crimson sepals.
 METZ. Rounded coral-red sepals, compact white corolla.
 MISAI. Tube and sepals coral-red; finely reflexed, violet corolla; very large.
 MONS. FILLON. Crimson sepals; dark violet-purple corolla.
 MONTROSE. Fine double white corolla; early bloomer.
 MRS. H. CANNELL. White corolla, bright carmine sepals; splendid.
 PURPLE PRINCE. Scarlet sepals; purple corolla; fine.
 PRINCESS OF WALES. Crimson sepals; creamy-white corolla.
 PRINCE LEOPOLD. Fine golden green foliage; crimson sepals; double purple corolla.
 REMOR. Violet-blue corolla; sepals vermilion; very large and double.
 TATLO. Immense double indigo-blue flowers; sepals carmine.
 TERPSICHORE. White corolla.
 TOWER OF LONDON. Scarlet sepals; large double purple corolla.
 VILLE DE NANCY. Broad scarlet sepals, large purple corolla.

Single Corolla Fuchsias.

25 cts.; \$2.50 per doz. Large plants, 50 cts. to \$1.00.

- AMPHION. Crimson sepals; plum-color corolla; dwarf habit.
 ARABELLA. White tube and sepals; rose corolla; the best early variety.
 BEAUTY OF SHERWOOD. White sepals; purple corolla.
 CARL HALT. White sepals; white and red striped corolla; fine winter-flowering variety.
 CONSPICUA. Crimson tube and sepals; pure white corolla. The best single variety of this class.
 CONSTELLATION. Large violet bell-shaped corolla; scarlet sepals.
 DUCHESS. Blush-white tube and sepals; violet-purple corolla.
 EMPRESS. Crimson sepals and tube; white corolla.
 FIRST OF THE DAY. Crimson sepals; large saucer-shaped, violet-purple corolla.
 GOLDEN FLEECE. Golden green leaves; scarlet and purple flowers.
 GOLDEN MANTLE. Golden yellow foliage; scarlet and purple flowers.

INIMITABLE. Crimson sepals; dark-purple corolla; a fine sort.
JEANNE D'ARC. Long reflexed coral red sepals; snowy-white corolla.
50 cts.

LADY HEYLESBURY. Violet corolla; pure white sepals.

LUSTRE. Vermillion corolla; white sepals. Early.

MARGINATA. White sepals; pink corolla. Very early.

MISS ARTHUR. Blush sepals; orange-salmon corolla.

PURITANI. White corolla; crimson sepals; bushy habit.

ROSE OF CASTILE. Blush white; purplish rose corolla. Still one of the best.

STARLIGHT. Waxy-white tube and sepals; long rosy lake corolla.

SUNRAY. A new tricolor-leaved variety; variegated like a tricolor geranium.

SPECIOSA. Orange carmine; winter flowering.

GAZANIA SPLENDENS.

Fine, large bright flowers, with white and brown centre, and dark green foliage, silvery underneath; requires a sunny situation. 20 cts.; \$2.00 per doz.

HELIOTROPES.

Perhaps the most favorite free-flowering and fragrant tribe of plants in cultivation, equally fine as summer-bedding plants, or in pots during winter in the house. 20 cts.; \$2.00 per doz.

ALCIBIDE. Violet purple.

BOULE DE NEIGE. Blush-white.

CHIEFTAIN. Lilac, large truss.

ETOILE DE MARSEILLE. Deep bluish purple.

FLORENCE NIGHTINGALE. Blush.

GRAF BELCRADY. Purplish lilac.

GRANDIFLORUM. Pale lilac.

JULIETTE. Bluish lilac.

MAD. FACILLON. Deep lilac.

MR. LIVINGSTON. Deep lilac.


NELLY. Blush white.

VIOLETTE. Violet purple.

VOLTAIRIANUM. Bluish purple.

ZONALE GERANIUMS—General Collection.

So many improvements in this class of plants have been recently made, that we believe the present revision of the list offers a collection unsurpassed in this country—habit, color, growth, and all points duly considered.

 To grow Geraniums, or in fact any other plant, it is essential to their success to have a good fresh loamy soil; no amount of manuring will compensate for the lack of this requisite. Every cultivator should have a compost heap made up of *sods* and well-rotted cow manure, with which to renew the beds. See directions for Verbenas. The following selection is grown in quantity for bedding. Price 20 cts.; \$2.00 per dozen. Extra showy plants can be furnished after April 1st, in 4 and 5 inch pots. 30 cts.; \$3.00 per dozen.

ADAM KOCK. Fiery scarlet; immense truss, more compact than "General Grant."

ADELINE PATTI. Rich carmine, suffused with scarlet; white eye.

A HENDERSON. Scarlet crimson; fine white eye.

A. JOYNEAUX. Pink, shaded orange scarlet.

A. ROGERS. Immense trusses of purple-shaded flowers; fine form.

ALBERT GREVY. Bright salmon; large truss.

ALBERT MEMORIAL. Large scarlet, fine form.

AVENIR NATIONAL. Large fiery crimson; splendid bedder.

BEAUTIE DES HESPERIDES. Crimson, shaded scarlet. 30 cts.

BEAUTY OF KINGSESSING. Pure white, large salmon centre; immense truss; the finest of this color.

- BELISAIRE. Salmon, veined crimson, shaded carmine; large truss.
 BLUE BELL. A peculiar shade of bluish pink.
 CHANCELOR. Splendid scarlet, with a white eye; large truss.
 CHRISTINE NILSSON. Very large, salmon pink; bedding variety.
 CLEMENCE BOUTARD. White; large pips and truss.
 COL. DE ANDLAW. Fiery crimson; large truss; vigorous.
 COMTE DE GOMER. Brilliant scarlet; clear white centre; fine.
 CORSAIR. Very large, bright scarlet; fine form.
 CROMWELL. Crimson scarlet, large white eye, large pips.
 CYCLOPE. Purplish-crimson, extra; a first-class variety in every way.
 DAZZLER. The richest scarlet, very large white eye.
 DELIGHT. Light pink, white centre; the largest sized truss.
 DR. ANDRY. The finest salmon bedder.
 EXCELLENT. Light vermilion, white eye.
 GENERAL CHANEY. Violet rose, new shade; extra. 30 cts.
 GEN. CLINCHANT. Magenta violet flowers; extra.
 GENERAL GRANT. Dazzling scarlet; enormous truss.
 GENERAL SHERMAN. Crimson scarlet, very large.
 GEO. W. EARL. Large, pure white, rose centre.
 GIANT. Salmon carmine; bushy growth, an extra vigorous bedder.
 IVANHOE. Vermilion, shaded with magenta, round pips.
 JEALOUSY. Large salmon yellow flowers, of fine form and size. 50 cts.
 JEAN SISLEY. Rich shade of scarlet, white eye.
 JOHN SALTER. Salmon tipped with white, large truss.
 JULES CROLES. Purplish-scarlet.
 LADY BYRON. The richest rose shade yet seen, with sharply defined blotches on upper petals; extra. 75 cts.
 LA VIENNE. The purest white, pale stamens; splendid.
 LE PERE HYACINTH. Very large; orange scarlet.
 LUCRETIA. White, large blush-salmon centre.
 MAD. BARILLET. Pure white; strong truss.
 MAD. BELLY. Striped pink and white; the largest pips and truss.
 MAD. DOMAGE. Dark scarlet; splendid, a first-class bedder.
 MAD. VAUCHER. Fine pure white.
 MAD'LE M. VAN HOUTTE. White centre, surrounded with orange carmine, white margin.
 MALCOLM. Fiery crimson scarlet, very large pips and truss.
 M. ALPHONSE BAJAIT. Orange scarlet; enormous truss.
 MASTER CHRISTINE. The best pure pink bedding geranium.
 MARGARETH. Dark velvety scarlet; large.
 MRS. GEORGE SMITH. The most beautiful salmon.
 MRS. WHITELY. Brilliant scarlet, with large white eye, large pips.
 PRESIDENT GREVY. Magenta, suffused with scarlet, white eye.
 PURITY. Pure white.
 PURPLE PRINCE. Fine purple.
 RENOMIE. Salmon, shaded carmine; large truss. 30 cts.
 REV. MR. ATKINSON. Dark crimson truss of immense size.
 RIENZI (*Dr. Denny*). A soft rich scarlet truss, medium size; in regard to size and form of pips, the finest in existence. 50 cts.
 SERAPH. Rich salmon pink, a broad white margin on all the petals.
 THE LORD MAYOR. The richest shade of bluish pink. 50 cts.
 THE MOOR. Vermilion crimson, upper petals shaded with purple.
 TRIUMPHANT. Pure white, upper petals crimson.
 VENUS. White; dwarf bedder.
 VESUVIUS. Fine orange-scarlet truss; very floriferous.
 VOLTAIRE. Scarlet, upper petals carmine.
 WHITE PRINCESS. The best white bedder.
 WILLIAM HARRIS. Pink, veined with carmine, salmon centre.

DOUBLE-FLOWERED ZONALE GERANIUMS.

The revision made to this year's list includes only the best of recent introductions, excelling in their free-blooming qualities; the improvements made in this respect and in color have been very decided, so that this class of geraniums flower as freely as the single varieties. Price, 30 cts.; \$3.00 per doz. Large show plants in May or June, 50 cts. to \$1.00 each.

- ASA GRAY. Splendid double salmon; a very fine dwarf variety.
ASTEROID. Very rich crimson; dwarf habit.
AUGUSTE VILLAUME. Vermilion, very large and showy pips.
BISHOP WOOD. Scarlet and carmine.
COMTE DE SIGISMUND. White, shaded with rose.
CROWN PRINCE. The best double pink bedder; extra.
DELOBEL. Dark dazzling scarlet, white eye.
DEPUTY ANCELON. Dark violet rose.
DEPUTY BERLET. Carmine lake.
DEPUTY LAFLIZE. Crimson scarlet; very large pips and truss.
DEPUTY VARROY. Carmine, upper petals spotted white.
DIEGO PODDA. Bright pink.
EDOUARD LEQUIN. Rich crimson, shaded with vermilion.
EUGENE BANDOIN. Clear rose, upper petals with white blotches.
GEORGE SAND. Large white, with a slight tinge of rose in the summer.
GUILLON MANGILLI. In the style of "Asa Gray;" very large, double violet scarlet flowers; a new shade, and first-class sort.
J. C. REDBARD. Amaranth scarlet.
LE NEGRE. Maroon; extra fine.
LE PERE SECTU. Bright salmon.
LOUIS BOUTARD. Orange salmon, in the style of "Asa Gray."
MAD. GUNTHER. Incarnate, shaded carmine.
MAD. LA MARQUISE DE CLAPIER. Bright salmon, tipped white.
MAD. NEURY. Purplish-scarlet.
MAD. REVOIR. White, salmon centre.
MAD. THIBAUT. Pink, white blotches on upper petals.
METEOR FLAGG. Splendid crimson, large imbricated pip.
M. G. LOWAGIE. Very bright vermilion; extra.
MONS DEBOIS. White, salmon centre.
NEMIE. Bluish pink, large white centre; extra.
NOBLE PAR MERITE.
OCTAVIO LANZO. Mottled and striped salmon, white ground.
SCINTILLANT. Very bright large scarlet.
SIMON DELAUX. Vermilion, shaded carmine.
THE GHOST. Fine ivory white pips, good truss; extra.
VICTOR HUGO. Fine salmon.
WILFRED. Pearly white, fine truss and pips.
WONDERFUL. Very rich scarlet, semi-double pips.

VARIEGATED GERANIUMS—Tricolors—Golden Bronze—and Silver-Edged.

- ACHIEVEMENT. Bright crimson zone, broad golden margin. 75 cts.
ANNIE KEELER. Extra broad, bright chestnut zone, on a fine yellow ground; compact growth; fine bedder. 25 cts.
BLACK DOUGLAS. Splendid dark zone, on fine yellow ground; flowers scarlet; fine bedder. 25 cts.
CHERUB. Silver-margined leaves, carmine zone; dwarf. 50 cts.

- GENERAL MACMAHON.** Large round fine golden yellow, broad bronzy-scarlet zone; excellent bedder. 25 cts.
- HAPPY THOUGHT.** Dark green leaf, with a conspicuous cream yellow blotch in the centre or disk; very unique. 25 cts. \$2.50 per doz.
- HENDERSONI.** Fine creamy margin. 30 cts.
- HOWARD ASHTON.** Flamed scarlet zone. 75 cts.
- ITALIA UNITA.** Silver edge, dark zone, shaded with bright carmine. 30 cts.; \$3.00 per doz.
- LADY CULLUM.** Golden yellow, orange crimson zone. 50 cts.
- LASS O'GOWRIE.** The finest silver tricolor. 75 cts.
- LEANDER.** Bright crimson maroon zone; large leaves. 50 cts.
- LITTLE PET.** Pink zone, silver edge. 50 cts.
- MOUNTAIN OF SNOW.** Silver edge; vigorous grower. 20 cts.
- MRS. JOHN CLUTTON.** Cream edge, fine dark crimson zone. 25 cts.
- MRS. POLLOCK.** One of the most beautiful and well-known *tricolors*; bronzy-scarlet zone, golden edge; flowers scarlet. 25 cts.
- PERFECTION.** Broad, silver-edged; vigorous. 20 cts.
- PETER GRIEVE.** One of the finest golden *tricolors*; good vigorous growth. 75 cts.
- PRINCE OF WALES.** Intensely brilliant colors. 75 cts.
- PRINCE SILVERWINGS.** Fine straw colored edge, crimson zone; an extra fine variety. 30 cts.
- SIR ROBERT NAPIER.** A tricolor, with the broadest and darkest zone yet seen, indented with brilliant scarlet; flesh-colored flowers; extra. 50 cts.
- SOPHIA DAMARESQUE.** Dark crimson zone, fine broad golden margin; extra fine. 25 cts.
- SUNSET.** One of the best *tricolors*. 25 cts.

HYBRID BEDDING AND SCENTED-LEAF GERANIUMS.

20 cts.; \$2.00 per doz.

- CAPITATUM.** Rose-scented.
- CAPITATUM MAJOR.** Large leaf; rose-scented.
- DENTICULATUM.** Cut leaf, rose-scented.
- DENTICULATUM FERNIFOLIA.** Fern leaf, rose.
- LADY PLYMOUTH.** Variegated white-and-green leaved, rose-scented geranium.
- LEMON-SCENTED.**
- MACBETH.** Oak-leaved, with bold foliage, large scarlet flowers.
- MRS. TAYLOR.** Rose geranium, with showy scarlet flowers.
- MULTIFLORUM COMPACTUM.** Silver-gray leaves, rose-colored flowers.
- ODORATISSIMUM.** Apple-scented, spicy apple perfume.
- ODORATISSIMUM ERECTUM.** Nutmeg-scented.
- QUERCIFOLIUM.** Oak-leaved.
- QUERCIFOLIUM NIGRICANS.** Oak-leaved, veined black.
- SHRUBLAND PET.** Dwarf; sweet-scented; scarlet flowers.
- PEPPERMINT-SCENTED.**
- VARIEGATED ROSE.** Variegated green-and-white, edged with pink.

OLEANDERS.

The improvements lately made in this class of popular and easily cultivated plants have been really striking.

- NERIUM ATROPURPUREUM PLENUM.** The richest blood-red crimson color, quite double and finely imbricated. 50 cts.
- N. FLAVUM DUPLEX.** Large, semi-double, yellow flowers; early and free flowering. 50 cts.
- N. MADONA GRANDIFLORA.** Fully as large as the double pink, and nearly as double; pure white; strong habit. 30 cts. \$3 per doz.

- N. NEW DOUBLE WHITE. An introduction from the West Indies. Long, slender foliage; fine double white flowers. 75 cts.
 N. PUNCTATUM PLENUM. Dotted flowers. 75 cts.
 N. PURPUREA PLENA. Large, rosy-purple flowers; very fine. 50 cts.
 N. PROF. DURAND. White, duplex flowers, yellow throat. 50 cts.
 N. SPLENDENS. Double pink. 25 cts. to \$1.00.

IVY-LEAVED GERANIUMS.

These are extremely useful, from their drooping growth, for vases, rustic or suspended baskets, rockeries, and trained on trellises in shady situations. 20 cts. each; \$2 per dozen.

- COCCINEA. Rosy-scarlet flowers.
 DOLLY VARDEN. Golden green, bronze zone; pink flowers.
 DR. SCHOMBURGK. Large purplish-mauve-colored flowers.
 DUKE OF EDINBURGH. Variegated with creamy white.
 ELEGANS. Mauve-colored flowers.
 EMPEROR. Large green leaves, dark zone, rose-colored flowers. The strongest grower in this section.
 FAVONIA. The brightest carmine to be found in this section.
 KÖNIG ALBERT. Fine double violet rose flowers.
 LATERIPES. The old ivy-leaved; white flowers.
 L'ELEGANTE. Edged with creamy white, large white flowers; extra fine.

CHINESE HIBISCUS.

Small Shrubs; some varieties with large double and others with single flowers, blooming freely during the summer months, and fine for garden decoration in partially shady situations. 25 cts.; \$2.50 per doz.

- COOPERI TRICOLOR. Foliage beautifully variegated, dark green, pink and white; flowers crimson.
 METALLICUS. Dark bronzy shining foliage; flowers single, crimson.
 MINIATUS. The finest and most brilliant double vermilion scarlet flowers 4 inches in diameter. 50 cts.
 SINENSIS VARIEGATA. Foliage mottled with yellow; flowers crimson.
 CRUENTUS. Double crimson.
 DOUBLE SALMON.
 LARGE ROSE.

- LUTEA. Double yellow.
 RUBRA PLENA. Double crimson.
 SINGLE CRIMSON. Fringed edge.

LANTANAS.

One of the best summer-flowering tribe of plants for our climate, equally fine in dry or wet weather, sun or shade. 20 cts.; \$2.00 per doz.
 HARKETT'S PERFECTION. Green foliage, variegated with yellow, lilac flowers; very showy and constant.

- ALBA GRANDIFLORA. White.
 CHAMELEON. Buff, purple and orange.
 CHAUVIN. Yellow shaded carmine, splendid habit; the best bedder.
 COMTESSE MORNAY. Blush and rose.
 DIADEM. Orange, buff and purple.
 DON CALMET. Lilac, orange centre.
 FAVOURITA. Yellow merging into crimson.
 FULGENS MUTABILIS. Scarlet.

- GOESCHKE. Yellow orange eye, rosy margin.
 IMPERATRICE EUGENIE. Blush and white.
 LE NAIN. Orange and carmine.
 LUTEA SUPERBA. Sulphur.
 MAD. MAIL. Buff, lilac and orange.
 MIRABILIS. Fine orange.
 PRINCESS CLOTHILDE. White, large yellow centre.
 QUEEN VICTORIA. Fine white.
 RAPHAEL. Orange and purple.

LOBELIAS.

Neat and extremely floriferous plants, much used for edgings (in shade), hanging-baskets, vases, etc., of which we offer the following select varieties. 15 cts.; \$1.50 per doz., except where noted.

SPECIOSA PERFECTA. An improvement of "Elegans;" fine, vigorous, drooping habit; large deep blue flowers. 25 cts.; \$2.50 per dozen.

ERINUS "AZURE GLOBE." Deep brilliant blue; the finest. 20 cts.; \$2.00 per doz.

CRYSTAL PALACE COMPACTA. Large light blue.

EMPEROR WILLIAM. Fine sky-blue.

SPECIOSA ELEGANS. Spreading, fine deep blue.

SPOTTED AND SHOWY PELARGONIUMS.

We offer a carefully selected collection from the latest and best English and French varieties, which can be highly recommended to all lovers of these rich and showy flowering plants. Large plants, 50 cts.; \$4.50 per doz. Medium size, 30 cts. each; \$3.00 per doz., except where noted.

ADMIRATION. Carmine, white, maroon and violet.

BALTIC. Crimson and scarlet, centre shaded with violet.

CORONET. Crimson and rose.

DECISIVE. Crimson, white centre, violet edge.

DONNA MARIA. Rich salmon, white margin and centre.

DR. ANDRE. White and pink; elegantly fringed petals.

EMPEROR OF RUSSIA. Purplish black, white margin.

ENDYMION. Rose, all the petals blotched with maroon.

EUGENE DUVAL. Brilliant carmine, dark purple spots.

GEORGE SAND (New). Pale violet and light salmon. 75 cts.

GRACE. Maroon, upper petals edged with bright rose.

GUSTAVE MALET. Scarlet, maroon and violet.

HEBE DE BEAUFUL. Rosy salmon, dark blotch, fringed petals.

HECTOR. White, carmine and maroon.

HOLBEIN. Dark maroon upper petals, margined with purple.

IMPERATRICE EUGENIE. French white, all the petals spotted with purplish black. 75 cts.

JEAN SISLEY. Blush, stained carmine and violet.

L'AVENIR. Rosy scarlet, striped white.

LE VESUVE. Fiery crimson scarlet, very large.

MEXICO. Violet rose, spotted black.

MONS. GURDON. Fiery vermillion, upper petals spotted with black. lower petals veined with black. 75 cts.

MRS. BRADSHAW. Extra large; white, with dark purple blotches.

MRS. L. LOYD. Crimson scarlet.

NESTOR. Fiery crimson and maroon on a light base.

NIAGARA. French white, upper petals blotched with dark crimson.

OCTAVIE DEMAY. Deep flesh color, with fine large crimson spots.

PREST. SCHLACHTER. Rich purple, white centre. 75 cts.

PRINCE CHARLIE. White, ground tipped with rose and violet.

PRINCE OF PELARGONIUMS. Crimson scarlet. 75 cts.

PRINCEPS. Orange crimson and white.

PRINCESSE HORTENSE. Orange salmon; pink edge.

SPLENDOUR. Scarlet maroon; edged white.

VICOMTESS DE BELLEVAL. Fiery crimson, white centre, each petal blotched with rich purple; a splendid variety. 75 cts.

WATCHFUL. Lilac, shaded with violet, upper petals spotted with crimson; very attractive.

NEW AND CHOICE DOUBLE PETUNIAS.



Having made the hybridizing of the *Petunia* a specialty for many years, with the view of obtaining the best in this country or Europe, we present a new set carefully selected from a plantation of over 5000 seedlings, more than 800 of which proved double. The following unrivalled sorts we believe are not to be excelled, being particularly rich in color, of the largest size, with fringed margins, fine form and very double. 25 cts.; \$2.50 per doz. Carefully hybridized seed of the best varieties; a fair percentage will prove double. 25 cts. per pkt.

- AMARANTH. Lilac, veined with violet purple, blotched with white.
 AVALANCHE. Pure white; large and fine.
 CHAS. DARWIN. Light purple; very large and finely fringed.
 EXCELLENT. White, blotched with purple; fringed.
 FAIRY. White, with large purple blotches.
 FLORA. White, sometimes veined with purple.
 LILACINA MACULATA. Rosy lilac; veined, and blotched with white.
 MAMMOTH. White and purple; very large.
 MARMORATA. White, marbled with clear rose.
 NE PLUS ULTRA. White, carmine and crimson; shaded and mottled.
 NINA. Brilliant purple, blotched with white; a rich color.
 NOVELTY. Lilac, veined with violet purple, blotched with white.
 ROSEA VENOSA. Rose, veined purple, blotched with white.
 SNOWDROP. Pure white; small flowers; fine for bouquets.
 SYLPHIDE. Rose, blotched with white.
 THOS. MEEHAN. Splendid carmine and white.

SINGLE PETUNIAS.

- The varieties given below have been selected from thousands of seedlings. Price 15 cts.; \$1.50 per doz.; \$10.00 per hundred.
 ACME. White, striped, flaked and veined with amaranth and purple.
 ADAIR. Veined and blotched purple and white.
 ATTRACTION. White, spotted and striped with dark purple.

BELLA. White, marked with purple.

DISTINCTION. Lilac and purple, veined and blotched.

EUCLID. White, with five symmetrical white blotches.

FINTERIATA. White, spotted with carmine; fringed edge.

GAZELLE. Amaranth purple, white star-shaped centre.

IDYL. Lilac, veined crimson; white blotch.

LASSIE. Lilac, blackish-purple veins and white spots.

PURPUREA MACULOSA. White, with five large purple blotches.

STAR. Pure white, with five carmine bars.

VESTA. Pure white.

PLUMBAGO LARPENTÆ.

An old but little known plant, deserving attention as a bedding plant, for which it is particularly adapted to our climate; it flourishes in any soil, sun or shade, and is exactly suited for the first row in ribbon beds, as it grows only a few inches in height, and is continually covered with a mass of deep blue flowers. 20 cts.; \$2.00 per doz.; \$10.00 per 100.

P. ALBA. White; shrubby habit, blooms all summer. 25 cts.

P. CAPENSIS. Sky-blue; shrubby habit; blooms all summer. 25 cts.

VINCA.

This old and popular plant should be in every garden, producing its masses of bloom from June to frost; of compact bushy growth. Its continual bloom makes a desirable plant for massing. 20 cts.; \$2.00 per do

ALBA. Pure white.

ALBA OCULATA. White, crimson eye.

ROSEA. Rose, dark eye.

TRITOMA UVARIA GRANDIFLORA.

A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange red flower-tubes; familiarly known from its glowing colors, as the "*Red-hot Poker.*" Hardy, with protection. 25 cts. to \$1.00, according to size.

THE VERBENA.

The Verbena is the most useful and popular of our bedding plants, yet, for want of proper cultivation, many fail to grow it to perfection. Frequent change of soil is necessary. A fresh, sandy loam, enriched with well-rotted manure, or sods from a pasture, thrown up with cow manure, and well rotted before using, we have found the best. A simple plan, when it is not practicable to renew the entire bed, is to dig holes about one foot square and



TRITOMA UVARIA GRANDIFLORA.

deep, wherever a plant is desired, and fill up with fresh soil, as above named. We have devoted much labor and care in the annual selection of our Verbena seed, and with over an acre bed to select from, we are in a position to secure first-class novelties in point of color, habit and growth. The first premium was awarded our collection at the Pennsylvania Horticultural Society's Autumnal Exhibition, September, 1877, and for years past.

VERBENA.

Named varieties, per dozen, \$1.50. Without names, assorted colors, per dozen, \$1.00; per 100, \$6.00.

ACME. Very rich pure pink.
AGATHA. White, heavily striped with mauve.
ANTONIA. White, flaked with violet-purple.
ARGUS. White, flaked with purple.
ASPASIA. White, striped with dark indigo blue.
ATALANTA. White, flaked with amaranth.
AZURE BEAUTY. The nearest to a clear blue.
BELLA. White, broad flakes of carmine.
BLUE BIRD. Blue, white eye.
BLUE BOY. Very large blue.
CLARA. Large blue, white eye.
CLOWN. White, flaked with blue and purple.
CONGRESS. Maroon, white eye.
CYCLOPS. Very large salmon pink.
DAPHNE. White, flaked with carmine.
DR. GEO. THURBER. Fine blue, white centre.
DISTINCTION. White, heavily striped with blue.
EUREKA. Orange-red, dark eye.
EXQUISITE. White, striped with deep crimson.
GAIETY. White, large purple centre.
GENERAL LEE. Fine scarlet, white eye.
GLOW WORM. Dazzling, velvety crimson.
GRACE. White, flaked with blue.
HOPE. Large dark blue, white eye.
HESPERUS. White, large violet-crimson centre.
JUBILEE. Crimson, white eye; splendid bedder.
JUNO. Pure white.
LOUISE. Fine maroon.
MAGNET. Crimson, solferino centre.
MRS. WOODRUFF. The finest scarlet.
MONITOR. Maroon, splashed with white.
PRINCESS. Dark, violet-blue; very large.
REMARKABLE. White, striped with blue.
ROSALIE. White, flaked with rose.
TEMPLER. White, with a pink band through each petal.
VELVET MANTLE. Velvety crimson, white eye.
VESTA. The finest white in cultivation.

Extra quality Verbena seed, saved from our own unrivalled collection.
25 cts. per paper; \$5.00 per ounce.

Dreer's American Striped Verbena seed, saved from the best striped varieties. 25 cts. per paper.

SALVIAS—Sage.

These rich and abundant-flowering plants are indispensable in the autumnal garden; either in masses or scattered among shrubbery, their gorgeous effect is best displayed. 20 cts.; \$2.00 per doz.

SALVIA SPLENDENS. Scarlet Sage.

GORDONI. Scarlet Sage; dwarf.

PATENS. Richest azure blue; large.

ROSEA. Rose-colored.

SOUCHETI FLORE ALBO. Pure white.

OFFICINALIS. Tricolor foliage, green, white, and pink variegated; flowers blue; hardy.

OFFICINALIS AUREA. Golden-yellow margin; flowers blue; hardy.

MISCELLANEOUS SUMMER BEDDING PLANTS.

Those marked * are hardy.

Per doz.

AGERATUM IMPERIAL. Dwarf; large blue flowers.....\$1.50

WHITE TOM THUMB. Pale bluish white..... 1.50

ALOYSIA CITRIODORA, or Lemon-scented Verbena. Each..... .20

ALTERNANTHERAS. Of sorts..... 1.50

ALYSSUM. (Sweet Alyssum.)..... 1.00

VARIEGATUM...... 2.00

CANNAS. Of sorts. Each 25 cts..... 2.50

CARNATIONS. Monthly variety, a fine collection..... 2.00

COLEUS. Of sorts..... 2.00

CUPHEA PLATYCENTRA. Dwarf, scarlet coral-like flower..... 1.00

FEVERFEW. Double, white, daisy-like flowers..... 1.50

GAZANIA SPLENDENS. Golden orange flowers..... 1.50

HELIOTROPE. Of sorts..... 2.00

LANTANAS. Of sorts..... 2.00

LOBELIAS. Blue and white; six varieties..... 1.50

MESEMBRYANTHEMUM CORDIFOLIUM VARIEGATUM.

The beautiful new variegated Ice Plant. Each 20 cts..... 2.00

MIMULUS MOSCHATUS, and **VARIEGATED,** or Musk Plant, Ea.. .15

NIEREMBERGIA FRUTESCENS. Lilac, dwarf. Each..... .20

PANSIES, or Heartsease. Large flowering..... 1.50

PETUNIAS. Single, choice, named sorts..... 1.50

Double, choice, named sorts..... 2.50

PHLOX DRUMMONDI. Beautiful colors..... 1.00

***PHLOX PERENNIAL.** A choice collection..... 2.50

***PINKS.** Twelve hardy varieties..... 2.50

PLUMBAGO CAPENSIS Light blue. Each..... .25

***PLUMBAGO LARPENTÆ.** Dark blue, dwarf..... 2.00

PYRETHRUM; or Golden Feather. Golden-yellow foliage..... 1.50

***CUPHEA HYSSOPIFOLIA.** Lilac; a continuous bloomer..... 1.50

TRITOMA UVARIA. Each..... 25 to 50

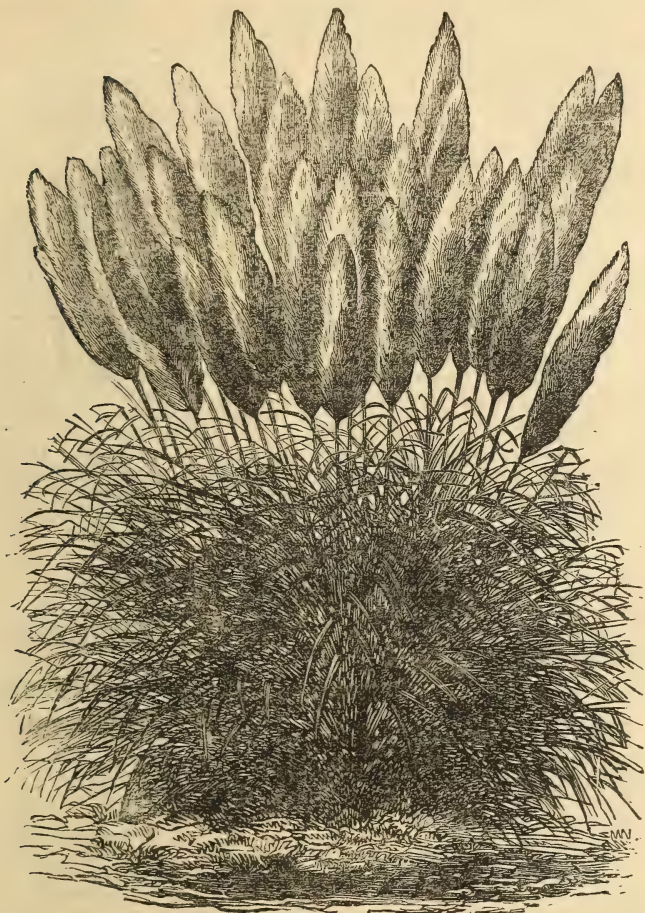
***VARIEGATED THYME.** Each..... .20

VERBENA. Fine sorts without names..... 1.00

VINCA ROSEA, ALBA and **OCULATA.** 20 cts..... 2.00

ZINNIAS. Choice, double (ready in May)..... 1.00

HARDY ORNAMENTAL GRASSES.



PAMPAS GRASS.

PAMPAS GRASS (*Gynerium Argenteum*.) The most elegant of all the Ornamental Grasses, producing a grand effect on the lawn with its graceful foliage and silvery plumes, on stems 8 to 10 feet high, which are produced in upward of forty, on well-established plants that remain in the open ground from year to year with protection. This is best done by tying the tops together and enclosing in a flour barrel, with top open and space packed out with straw or leaves; earthing up the soil well around the outside of barrel. Requires a rich and deep soil. The plumes when dried in the shade

make handsome parlor ornaments for winter decoration. 25 to 50 cts. Extra strong plants for immediate effect can be furnished from \$1.00 to \$2.00 each.

NEW PAMPAS GRASS. (*Gynerium Argenteum Carminatum Rendatleri.*) The flower stems are 10 feet high, crowned with immense silvery white plumes, tinged with pink. 50 cts. to \$2.00 each.

AGROSTIS GLAUCA. A rare, dwarf variety, with a glaucous bluish tinge; fine for edgings, baskets, or vases. 25 cts.; \$2.50 per doz.

ARUNDO DONAX VARIEGATA. Variegated bamboo; a hardy, broad-leaved, variegated reed; foliage creamy-white and green, retaining its bright fresh color until frost; graceful form and fine habit. 30 to 50 cts.

DACTYLIS GLOMERATA ELEGANS. A dwarf ribbon-grass, with broad, silvery stripes. 30 cts.

EBIANTHUS RAVENNÆ. A perfectly hardy Ornamental Grass, from 9 to 12 feet high, throwing up from thirty to fifty flower spikes. It resembles the Pampas Grass, but blooms much more abundantly, and with the advantage of being hardy will prove a desirable plant for the decoration of lawns. 30 cts.; clumps 75 cts.

EULALIA JAPONICA VAR. A very graceful, tall, ornamental, hardy plant from Japan. Long, narrow leaf blades, striped green, white, and often pink or yellow. It throws up stalks from four to six feet in height, terminated with a cluster of flower spikes; the flowers are surrounded by long silky threads, which, when fully ripe, expand not unlike an ostrich feather when curled. These dry flowers are valuable as parlor ornaments, as they retain their beauty for a long time. 30 cts.; \$3.00 per doz.

EULALIA JAPONICA ZEBRINA. See Novelties, page 125. \$1.00.

STENOTOPTRUM GLABRUM VARIEGATUM. An Ornamental Grass from New South Wales. Green, handsomely striped with yellow; a good vase or basket plant in sunny situations. 30 cts.

SUMMER CLIMBING PLANTS.

Very useful, free and rapid growing climbers, for decorating verandas, trellises, screens, etc.; blooming all summer and fall.

COBÆA SCANDENS. Rapid grower; large purple bell-shaped flowers. 25 cts.

SCANDENS VARIEGATA. Similar to the above, with variegated foliage; very ornamental. 25 cts.

IPOMÆA LEARI. Large azure-blue convolvulus flowers. 20 cts.

LOPHOSPERMUM HENDERSONI. Rose colored. 20 cts.

MADEIRA VINE ROOTS, started in pots. \$2.00 per doz.

MANETTIA CORDIFOLIA. A pretty climbing plant; bright scarlet tubular flowers, about two inches long, forming a complete mass of bloom from July to October. One of the finest plants for large vases and rustic baskets; sun or shade. 25 cts.; \$2.50 per doz.

MAURANDIAS. Rose, white and purple. 15 cts.; \$1.50 per doz.

SENECIO MACROGLOSSUS. A decided novelty in the style of the old German or Parlor Ivy, of a dark metallic green hue, veined with silvery gray; thick fleshy leaves, which so nearly resemble the English Ivy that it is frequently mistaken for it even by florists; vigorous climbing habit, producing large golden yellow flowers. This sort can be used to very great advantage for many purposes. 15 cts.; \$1.50 per doz.

SCANDENS (German or Parlor Ivy). 15 cts.; \$1.50 per doz.

THUNBERGIAS. White, buff and orange. 15 cts.; \$1.50 per doz.

PLANTS FOR HANGING-BASKETS OR VASES.

The growing of Plants in baskets, vases, etc., is constantly on the increase. They add greatly to the decoration of a room, garden, or verandah, and impart an air of taste and refinement that the most costly ornaments cannot give.

The following plants have been selected as the most suitable for this purpose. The varieties with an * are particularly suited for large vases, for the centres of which Palms, Dracenas, Geraniums, Fuchsias, Coleus, etc., will make a rich effect. The varieties requiring shade are so marked.

	Each.
*ABUTILON VEXILLARIUM PICTUM.....	25
ACORUS GRAMINÆUS VARIEGATUS. Grass-like.....	25
*AGROSTIS GLAUCA. A beautiful blue grass.....	25
*AMPELOPSIS VEITCHI. A splendid creeper for vases or stumps; hardy.....	25
BEGONIAS, of sorts for centre of baskets (shade).....	30
CISSUS DISCOLOR. Fine showy creeper (shade).....	30
EUONYMUS RADICANS VARIEGATA. A beautiful variegated creeper.....	25
FERNS, of sorts (see page 139).....	25 to 50
FICUS REPENS (shade). A splendid creeper for green-houses, vases, and window boxes, clinging with great tenacity.....	30
*GLECOMA ROTUNDIFOLIA VARIEGATA. Creeping.....	20
*GNAPHALIUM LANATUM VAR. Silvery foliage.....	25
HYDROCOTYLE LURIDA (New). From Japan; fast grower, producing numerous runners, nearly round leaves; handsomely crimped and chocolate-colored flowers. Doz., \$2..	20
IVIES, of sorts (see page 187).....	25 to 50
LINARIA CYMBALARIA, or Kenilworth Ivy.....	15
LYCOPODIUM SCHOTTI. One of the best. (Shade).....	20
DENTICULATUM. (Shade).....	15
For varieties, see page 137.	
*LOBELIA. In varieties.....	15
*MANETTIA CORDIFOLIA. Climbing; scarlet flowers.....	25 to 50
MAURANDIAS. Rose, white and purple. Per doz., \$1.50.....	15
MUHLENBACHIA ROTUNDIFOLIA.....	25
OTHONNA CRASSIFOLIA. Resembling Sedums; flowers bright yellow, like small tassels, which are borne in great profusion, exceedingly fine for baskets or vases, trailing a long distance; stands the hottest sun. Per doz., \$2.00....	20
PANICUM VARIEGATUM. Variegated Grass. (Shade).....	20
*PERISTROPHE ANGUSTIFOLIA AUREA.....	20
REINEKIA CARNEA VARIEGATA. Grass-like.....	25
RUSSELLIA JUNCIA. Scarlet flowers.....	25
SAXIFRAGA FORTUNEI. (Shade).....	20
TRICOLOR. Very fine and rare.....	35
*SEDUM SIEBOLDI VARIEGATUM. Stone-crop.....	30
*SENECIO SCANDENS; or Parlor Ivy. Rapid Creeper.....	15
*SENECIO MACROGLOSSUM. Thick, fleshy, dark green leaves, which resemble the English Ivy; rapid-growing; golden-yellow flowers. Per doz., \$1.50.....	15
THUMBERGIAS. White, buff, and orange. Per doz., \$1.50..	15
*TORENIA ASIATICA. Drooping purple flowers (shade).....	20
TORENIA FOURNIERI. Sky blue, yellow throat.....	25
TRADESCANTIA AQUATICA and VERIDIS VARIEGATA,	15
TRADESCANTIA ZEBRINA and VERIDIS. (Shade).....	15
*VINCA ELEGANTISSIMA VARIEGATA.....	15 to 30

THE ROSE.

The Rose still maintains its position as the most attractive of flowers. Every year adds a large number of varieties to our extended lists, new at least in name, if not in character; and it shall be our special endeavor, after careful comparisons, to point out such of them as show a decided improvement in their leading characteristics over pre-existing varieties.

Our collection of Roses is now admitted to be one of the most complete, having been enriched, by direct importation, with the latest popular sorts. The repeated award of the highest premiums by the Pennsylvania Horticultural Society is sufficient evidence of their merit.

EVER-BLOOMING ROSES cannot be secured unless the plants are kept in a vigorous growing condition. To derive the greatest enjoyment from rose-culture, beds should be prepared exclusively for their benefit, by throwing out the sub-soil and replacing with a good compost, so that the roots in running down may find nourishment.

A fresh loamy soil, enriched with well-rotted cow-manure, we have found the best, and their fertility preserved by yearly top-dressing with well-rotted manure.

Our Roses are pot-grown on their own roots, and not forced into unnatural growth: being pot-grown renders them more desirable for sending to a distance; as they retain the ball of roots and soil, the purchaser runs no risk in transplanting. Their natural growth is likewise not checked, in planting out, by sudden changes of temperature in the spring; but the plants go ahead, giving perfect satisfaction in every way.

Our collection received the FIRST PREMIUM for the largest and best display of Roses at the Grand Autumnal Exhibitions of the Pennsylvania Horticultural Society, Oct., 1872; Sept., 1873; Sept., 1874, 1875 and 1876.

Roses by Mail.

We will send by mail 12 fine and distinct one year old pot-grown plants, our selection (without deviation), for \$1.50; 8 for \$1.00.

HYBRID PERPETUAL ROSES.

40 cts.; \$4.00 per doz., except where noted.

This class is very popular, combining the vigor of the hardy garden Rose with the frequent blooming qualities of several other classes; some of the sorts are also very fragrant. The following is a select list of the latest introductions, as well as those that have been well tried:

ANDRE FRESNOY. Very large carmine shaded purple.

ARDOISE DU CHALET. Crimson red.

AURORE BOREALE. Large, shining red.

BARONNE ADOLPH DE ROTHSCCHILD. Bright rose; fine.

BARON HAUSMANN. Splendid carmine.

BURGOMASTER CARL MULLER. Amaranth red, shaded with violet, vermilion, and black, free-flowering.

CARDINAL PATRIZZI. Velvety crimson.

CHAMPS DE MARS. Extra fine double crimson.

CLAUDE MILLION. Purplish red.

CHESHURST HYBRID (New). Carmine cherry, large and full. 75 cts.

CLOTHILDE ROLAND. Fine cherry.

COMTE LITTA. Velvety purple.

- COMTESSE D'OXFORD. Light carmine; fine form.
DR. LEMEE. Velvety purple.
DUCHESS OF EDINBURGH (New). Very pale rose; the largest and finest form. Extra, \$1.00. Not to be conficted with the Tea Rose of same name. In ordering please mention "Hybrid."
DUKE OF EDINBURGH. Brilliant Maroon crimson.
EDWARD MOREN. Rosy carmine; of the finest form.
FANNY PETZHOLD. Rose, shaded with white.
FRANCOIS COURTIN (New). Purple, fine shape, fragrant. 75 cts.
GEANT DES BATAILLES. Bright scarlet, superb.
GENERAL GRANT. Crimson scarlet.
GENERAL HOUTPOUL. Dark crimson.
GENERAL JACQUEMINOT. Brilliant red.
GENERAL VON MOLTKE (New). Scarlet, shaded carmine. 75 cts.
GENERAL WASHINGTON. Very double, crimson.
GLOIRE DE DUCHER. Dark purple.
HENRY PAGES. Fine rose, centifolio form.
HORTENSE MIGNARD (New). Cherry pink, large and full. 75 cts.
JEANNE GROSS. Blush, very large. 75 cts.
JOHN HARRISON (New). Dark crimson. 75 cts.
LA FRANCE. Splendid satin-rose; fragrant, hardy, and very free-flowering; after several years' trial it has proven itself one of the best and finest roses suited to our climate.
LA REINE. Clear rose; superb; large cupped.
LAURESTINUS. Dark crimson.
LEOPOLD I. Brilliant fiery-red.
LOUIS VAN HOUTTE. Bright crimson, shaded black.
LOUISE WOOD. Bright crimson.
MADAME DE ST. PULGENT. Crimson, shaded with slate color.
MADAME EMMA GOMBEY. Brilliant carmine, free flowering.
MADAME LAMENT. Rosy carmine; finely cupped.
MADAME RIVAL VERNE (New). Carmine rose, superb. 75 cts.
MALFILATRE. Dark crimson, rosette form.
MARIE RADY. Splendid crimson.
MILLER HAYES (New). Crimson shaded, velvety red, cupped. 75 cts.
PAULIN TALABOT (New). Dazzling carmine. 75 cts.
PAUL NERON. Very large dark rose.
PAUL VERDIER. Large, clear rose.
PRINCESS CHRISTIAN. Large cupped, blush white.
ROI DES ESPAGNE. Fine carmine.
SOUVENIR DE CHAS. MONTAULT. Fine purple.
SOUV. DE ROMAIN DESPREY. Flesh color; fine when in bud.
VICTOR VERDIER. Carmine, large and full.

WHITE HYBRID PERPETUAL ROSES.

- BOULE DE NEIGE. Pure white; good form. \$1.00.
COQUETTE DES ALPS. Fine white; flowers in clusters. 75 cts.
LADY EMILY PEEL. White, edged with rose. 50 cts.
MAD'LE BONNAIRE. Pure white, occasionally tinged with rose in the centre. \$2.00.
MAD. LACHARME (New). White, centre on opening shaded with rose, changing to pure white; the finest of this class. \$1.50.
PERFECTION DES BLANCHES (New). Pure white, vigorous. \$1.00.
OLGA MARIX (New). White, shaded flesh color. \$1.00.
PEARLE DE BLANCHES. Pure white, vigorous and free. 75 cts.

BOURBON ROSES.

This class contains some of our choicest ever-blooming roses; they require but a slight protection during the winter.

40 cts.; \$4.00 per doz., except where noted.

APPOLINE. Fine pink.

FRANCOIS DUGOMIER. Large carmine-shaded purple. 75 cts.

GLOIRE DE ROSAMENE. Bright crimson, semi-double, climbing habit, free.

HERMOSA. Pink.

HERMOSA (climbing). Pink, climbing habit.

IMPERATRICE EUGENIE. Large, full, rose color.

JOS. PAXTON. Cherry rose.

JULES CÆSAR. Cherry carmine. 75 cts.

MRS. BOSANQUET. Large blush, free.

PEERLESS. Cherry.

PRINCE NAPOLEON. Fine carmine.

QUEEN VICTORIA. Very large rose. \$1.00.

SOUVENIR DE MALMAISON. Blush, large and fine.

SOUV. DE MAD. AG. CHARLET. Rosy salmon, cupped petals. 75 cts.

VORACE. Deep carmine. 75 cts.

VICTOR EMMANUEL. Purple. 75 cts.

BENGAL, CHINESE, OR DAILY ROSE.

30 cts.; \$3.00 per dozen.

The brilliant colors of many roses of this class, as well as their constant blooming and dwarf habit, render them great favorites for window-gardening and winter blooming; they are also equally adapted for the flower-bed or pot-culture. The following select sorts are the most desirable:

AGRIPPINA. Deep crimson.

ARCHDUKE CHARLES. Changeable.

CELS. Blush.

UCHER. Pure white.

EUGENE BEAUHARNAIS. Crimson.

INDICA ALBA, or White Daily.

JAMES SPRUNT, or Climbing Agrippina. 50 cts.

JEAN MARIE (New). Deep crimson, streaked with amaranth. 75 cts.

LA SUPERB (New). Lilac rose, shaded with carmine, large. 75 cts.

LAWRENCIA (Miniature). Pink.

LAWRENCIA (Miniature). Crimson.

LEMESEL (New). Fine double rose, fine form.

LOUIS PHILIPPE. Crimson and rose.

LUCULLUS. Dark crimson.

NEMESIS (New). Sparkling crimson, fine bloomer.

PETIT NINI (New). Brilliant amaranth, shaded with black.

PINK DAILY.

SANGUINEA. Blood-red.

TEA ROSES—For Winter Forcing.

To those interested in forcing roses for winter flowering, as well as the trade, we offer those on next page, marked *, as the most desirable varieties. Strong and thrifty young plants in 3-inch pots, to be grown on for winter forcing. \$2.50 per doz.; \$16.00 per 100.

TEA-SCENTED ROSES.**Select List of New and Old Varieties.**

40 cts. each ; \$4.00 per doz., except where noted.

ADRIENNE CHRISTOPHLE. Light yellow, shaded rose.

AMERICA. Creamy yellow.

ANNA OLIVIER (New). Light salmon-yellow. 75 cts.

ANNETTE SEAUT. White, shaded yellow, very double.

BELLA. Pure white.

BELLE LYONNAISE. Canary yellow, shaded salmon.

BIANQUI. Extra double white, very fragrant.

BIGNONIA (New). Bright buff yellow. 75 cts.

*BON SILENE. Carmine and salmon.

BOUGERE. Large rose.

*CANARIE. Fine yellow ; the best for pot culture.

CLAIRE CARNOT (New). Deep yellow. 75 cts.

COMTESS DE LA BATH. Fine salmon rose, globular bud. 50 cts.

*DAVID PRADEL. Carmine shaded with rose, extra.

DEVONIENSIS. Creamy white.

DEVONIENSIS (climbing). Creamy white, climbing habit.

DUCHESS OF EDINBURGH (Veitch) (New). The new crimson-flowered tea-rose ; the first of this color ; beautiful. 75 cts.

ESTHER PRADEL. Salmon rose.

FRERES SOUPERT ET NOTTING. White edged with carmine. 50 cts.

GLOIRE DE DIJON. Blush and yellow.

HELVETIA (New). Salmon with peach-colored centre. 75 cts.

HOMERE. Rose, salmon centre.

*ISABELLA SPRUNT. Sulphur, white shade.

*JEAN PERNET. Creamy yellow, with deep yellow centre ; double.

LA JONQUILLE. Pure chrome yellow in bud, inside paler. 50 cts.

LE NANKIN. White, base of petals bright nankeen yellow. 50 cts.

LUTEA. Fine sulphur yellow.

MA CAPUCINE. Very bright orange, a novel color ; fine. 50 cts.

MADAME AZALIE IMBERT. Buff yellow. 50 cts.

MADAME BRAVY. Pure white.

MADAME BREMONT. Variable from light to dark purple.

MAD. CAMILLE. Very fine light rose. 50 cts.

MAD. CECILE BERTHOD. Very double, deep yellow. 50 cts.

MADAME CELINE NOIREY. Large rosy purple.

MADAME DAMAIZIN. Salmon rose.

MAD. DR. JUTTE. Fine garnet yellow ; vigorous and free. 50 cts.

MADAME FALCOT. Nankeen yellow.

MADAME FRANCOIS JANIN. Orange yellow, fine double. 50 cts.

MADAME MARGOTTIN. Dark yellow, with rose centre ; very fine.

MARIE SISLEY. Cream white, bordered with rose, fine. 50 cts.

MARIE VAN HOUTTE. Very large and double creamy white. 50 cts.

MADAME RUSSELL. Creamy buff, shaded with pink.

*MADAME WILLERMOZ. Very large creamy white ; one of the best.

NIPHETOS. Pale lemon, fine Magnolia-like petals. 75 cts.

*OLYMPE FRACINEY. White, shaded with yellow ; fine.

PERLE DE LYON. Very large double yellow, strong grower and free-flowering, extra. 75 cts.

REINE DE PORTUGAL. Golden yellow, shaded with coppery rose.

*SAFRANO. Saffron yellow.

*SOUVENIR D'UN AMIE. Bright rose, large, perfect form, fragrant ; one of the best.

SOUVENIR DE JENNY PERNET. White, shaded with salmon.

TRIOMPHE DE LUXEMBOURG. Rose.

VALLEE DE CHAMONIX (New). Orange yellow, shaded lilac. 75 cts.

NOISETTE ROSES.

40 to 50 cts. each.

These roses are free-blooming, flowering in clusters, of taller habit than the foregoing classes; some of them are very fragrant. Those marked with an * are adapted for training to trellises and pillars.

AMIE VIBERT. Pure white.	LA PACTOLE. Pale yellow.
BEAUTY OF GREEN MOUNT. Deep rose.	OPHIRE. Buff.
CELINE FORRESTIER. Yellow. 75 cts.	CAROLINE CUSTER. Light buff yellow; free. 75 cts.
*CHROMATELLA. Cloth of gold.	*JAUNE DESPREZ. Rosy buff.
EARL OF ELTON (New.) Bright orange yellow, strong grower. 75 cts.	*MONSTROSA. Blush.
*FELLENBERG. Crimson.	*SIR W. SCOTT. Deep rose.
*LAMARKE. Creamy white.	*SOLFATERRE. Yellow.
	*WASHINGTON. White.
MARECHAL NIEL. Bright golden yellow, large and fine form, with thick, leathery petals, opening well. The finest acquisition for many years, and should be in every collection. Strong plants, 5-inch pots. 50 cts.; \$5.00 per doz. Extra strong plants, 7-inch pots. \$1.00; \$9.00 per doz.	MADAME HERMANN. Fine rosy salmon.

PERPETUAL MOSS ROSES.

\$1.50, except where noted.

EUGENIE GUINOISEAU. Bright cherry; changing to violet.
JAMES VEITCH. Deep violet, shaded with crimson; large and double; best dark Moss.
MADAME EDOUARD ORY. Deep rose; large and full. \$1.00.
SOUPERT & NOTTING. Fine pink, mossy.
SALET. Bright rose, blush edge. 75 cts.
SOUVENIR DE PIERRE VIBERT. Dark red, shaded with carmine and violet.

ANNUAL MOSS ROSES.

60 cts. \$6.00 per doz.

BLANC. White.	GLOIRE DE MOSSEUSES. Fine rose; very mossy.
COMTESSE MURINAIS. Blush white.	HENRY MARTIN. Carmine.
CRISTATA. Crested.	PRINCESS ADELAIDE. Rosy lilac.
ENGLISH MOSS. Very mossy.	WILLIAM LOBB. Purplish violet.

PRAIRIE ROSES.

Very hardy climbers. 40 cts.

BALTIMORE BELLE. Blush.	
GEM OF THE PRAIRIES. Rich rose color, fragrant.	PRAIRIE QUEEN. Deep rose.

MISCELLANEOUS CLASSES.

40 cts. each.

*GREVILLE, or SEVEN SISTERS. In clusters, changeable.	*WHITE MUSK CLUSTER. Pure white; very fragrant.
*HEBERMONT MUSK CLUSTER. White; very fragrant.	MADAME PLANTIER. Pure white.
*WHITE MICROPHYLLA. White.	LAURA DAVOUST. Blush.
FORTUNE'S DOUBLE YELLOW. Yellow, shaded with crimson.	SWEET BRIER. Rosy pink.
	*WHITE BANKSIA. Fragrant.
	*YELLOW BANKSIA. Fragrant.

Those marked * are climbers.

HARDY HERBACEOUS PLANTS.

We offer a carefully selected and revised list of the rarest and choicest Hardy Plants, suited to our climate. The value of this class of plants is being yearly more fully appreciated, from the fact of their perfect hardiness, requiring but little care or attention, and producing their beautiful flowers during a season when they are most prized.

AQUILEGIA CÆRULEA.

ROCKY MOUNTAIN COLUMBINE. A hardy perennial plant; the most beautiful of all the Columbines, styled the "Queen of Columbines." The flowers measure from 3 to 3½ inches in diameter; the outer five petals, as well as the long spurs, are of a beautiful violet blue; the inner petals are pure white, forming a pleasing contrast. Strong plants. 25 cts.; \$2.50 per doz. See illustration, page 93.

AQUILEGIA CHRYSANTHA.

NEW GOLDEN-SPURRED COLUMBINE. A splendid novelty from the Rocky Mountains; hardy perennial; flowers rich golden yellow. Strong plants. 50 cts.; \$4.50 per doz.

CHRYSANthemUMS.

This favorite autumn flower, since the addition of so many choice varieties, has become still more popular. The Dwarf or Pompone sorts are sufficient themselves to form a choice bouquet, such is the variety of color and form embraced by them. The Pompones are particularly suited to pot-culture, while both large and dwarf are perfectly hardy, and form beautiful objects in the open garden. The following comprises a very select list of the finest new and older varieties:

NEW LARGE FLOWERING CHRYSANthemUMS.

Price 25 cts. The set of ten, \$2.00.

ALPHONSO. Crimson; the finest shade and form.

APOLLO. Bronzy orange, edged yellow, full petals.

FELICITY. Lilac, lemon centre; recurved.

GEN. SLATE. Crimson, with golden tips.

H. S. RUNDLE. Pure white convex flower; imbricated, very fine.

IAGO. Deep purple.

MAD. DELANY. Rose, sulphur centre.

PROSPERO. Deep violet purple.

REINE DES BLANCHES. Fine white.

WHITE PRINCESS. White, lilac tinge.

New Pompone Varieties.

25 cts. The set of six, \$1.25.

CLAIRE SASSO. Lilac, yellow centre.

GOLDEN AURORA. Brilliant golden yellow.

HENRIETTA HIMES. Pale sulphur.

LEONORA. Yellow, tipped with purple; miniature.

PABLO. Rosy purple.

PETIT MIGNON. Deep mauve, tipped with yellow; miniature.

Large Flowering Varieties—General List.

In spring 20 cts. ; \$2.00 per doz.—Fall 30 cts. ; \$3.00 per doz.

ALBA MULTIFLORA. Fine pure white, in large clusters.
 AUREA MULTIFLORA. Fine deep yellow.
 BEETHOVEN. Purple, tipped yellow.
 BOULE D'OR. Bright golden yellow.
 BOULE DE NEIGE. Pure white.
 CAPTIVATION. Light purple.
 ERECTA SUPERBA. Sulphur yellow.
 HERCULES. Crimson.

HER MAJESTY. Silvery lilac.
 JOHN SALTER. The finest yellow.
 LACINIATUS. Creamy white, fringed.
 LORD DERBY. Fine purple.
 MARGARETHA. Sulphur yellow.
 MT. ETNA. Bright crimson.
 MT. VESUVIUS. Purplish crimson.
 PINK PERFECTION. Very large bright pink.
 RANUNCULUS. Crimson, incurved.
 TEMPLE OF SOLOMON. Yellow.
 WHITE EVE. Milk white.

Pompones or Liliputian Varieties.

In spring, 20 cts. ; \$2.00 per doz.—Fall, 30 cts. ; \$3.00 per doz.

AMIE FEILLE. Bronzy crimson.
 ATTILA. White, shaded rose.
 AURORA TOULOUSIENNE. Canary ; button size.
 BOB. Fine crimson.
 BRILLIANT. Finest crimson.
 FIBRETTO. Fine chrome yellow.
 JACQUES FLEURIES. Milk white.
 JONAS. Yellow, crimson centre.
 JUSTIN FESSIER. Pure lilac.
 LA FIANCEE. Pure white, finely fringed ; finest for cut flowers.
 LAURA. Dark lilac.
 LES GOBELIN. Lilac, white centre.
 M. SCHMIDT. Yellow, edged with crimson.

MAD. DE PALEVILLE. Clear rose.
 MAD. DE SOULANGIS. Fine rose.
 MAD. FERRAND. White, shaded with lilac.
 MIMI CROUGAT. Pure yellow.
 MONS. MESNIER. Blush.
 MONS. MIRET. Yellow, crimson tip.
 RAGOZZA. Rose, yellow edge.
 ROI DE LILIPUT. Maroon.
 SOUVENIR. Yellow, edged crimson.
 THERESITA. Lilac, fine form.
 TREVENNA. Pure white.
 YELLOW FIANCEE. Very deep yellow.

CONVALLARIA—Lily of the Valley.

One of the most charming of our spring-flowering plants, whose slender stems set with their tiny bells, diffusing a delicious odor, have rendered it a universal favorite. Roots deliverable until April, and after September 1st.

MAJALIS. Single, white. 10 cts. each ; \$1.00 per doz.
 MAJALIS FLORE-PLENO. Double white. 15 cts. ; \$1.50 per doz.
 MAJALIS FOLIIS VARIEGATIS. Single, white ; golden-striped foliage. 50 cts. ; \$5.00 per doz.

DELPHINIUM—Hardy Perennial Larkspur.

DELPHINIUM FORMOSUM. Large, bright blue, white centre. This is among the finest hardy herbaceous plants in cultivation, flowering in tall spikes of the most brilliant blue ; if not allowed to produce seed, it will flower from July to November. 20 cts. ; \$2 per dozen.

DIELYTRA SPECTABILIS—Dicentra.

A hardy tuberous-rooted plant, adapted to out-door planting or forcing for early spring blooming. It produces racemes of delicate pink and white heart-shaped flowers, in the open ground, in April and May. 25 cts.

FUNKIA—Day Lily.

Hardy Herbaceous Plants, with Lily-like flowers.

JAPONICA. Large, pure white, fragrant flowers, open daily in August; leaves broad ovate, nerved. 50 cts.

CÆRULEA. Blue flowers. 25 cts.

CUCULLATA VARIEGATA, OR VARIEGATED DAY-LILY. Beautiful clear green leaves, marbled with the purest white; light blue flowers; requires shade to retain its variegation during the entire summer. 75 cts.

HYDRANGEA.

HORTENSIS. The old favorite; well-known and favorite plants, producing large heads of flowers, in great profusion; the color of the Hortensis varieties can be changed to a beautiful blue, by mixing the iron scales or sparks from a blacksmith's shop among the soil. They thrive best in a shady situation, with a plentiful supply of water; with protection they have endured the severest winters around Philadelphia; large pink flowers. 25 cts. to \$1.00.

HYDRANGEA HORTENSIS VARIEGATA. An exceedingly ornamental plant, with beautifully variegated foliage; fine for shady positions. Good plants, 30 cts.; \$3.00 per doz.; large plants, from 50 cts. to \$1.00.

IMPERATRICE EUGENIE. Rose, shaded with white and blue. 50 cts.

OTAKA. A Japanese variety lately introduced, beautiful large glossy foliage, large heads of pale pink flowers. 50 cts.

PANICULATA GRANDIFLORA. A hardy variety lately introduced, of great merit; it endures the heat and cold of our climate extremely well. Elongated flowers of snowy white, often a foot long, which are produced in the greatest profusion. 50 cts.

STELLATA PROLIFERA. A new and rare variety from Japan; double rose-colored flowers, changing to a coppery shade. 50 cts.

THOS. HOGG. See *Novelties*, page 127.

LYCHNIS.

VISCARIA ALBA PLENA. Hardy, with fine large double white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, at a season when double white flowers are in great request. 25 cts.

PANSY (Viola Tricolor).

We have an unrivalled collection, which has received the first prize from the Pennsylvania Horticultural Society for six years in succession.

	Per doz.
Extra fine plants, in 4 inch pots.....	\$2.00
Second choice, in 4 inch pots.....	1.50
Plants out of frames	1.00

PÆONIAS.

This interesting genus contains many magnificent flowering plants. They are tuberous-rooted and quite hardy. To insure a bloom the first season, it is necessary to plant in the autumn. The following are among the most desirable, embracing all shades of color, from a pure white to a deep crimson.

	Each.
ALBA PLENA. Double, white.....	30
BARON ROTHSCCHILD. Large pale rose	50
DUCHESSE D'ORLEANS. Dark rose, tinged with buff.....	50
DUCHESSE DE NEMOURS. Ros ^y lilac.....	50

PÆONIAS—Continued.

EDULIS SUPERBA. Dark rose, fine.....	30
ELEGANS. Pale blush, lilac shade.....	30
FRAGRANS. Dark rose, fragrant.....	25
HUMEI. Large, pink.....	25
LINGULATA. Pure white.....	50
MAIDEN BLUSH. Pink, fine and large.....	50
ODORATA. White, yellow centre.....	50
OFFICINALIS RUBRA PLENA. Deep crimson.....	25
POTSI. Very large, crimson.....	50
QUEEN VICTORIA. Rose.....	50
REVESI. Large, blush.....	50
TENUIFOLIA. Fennel-leaved, deep crimson.....	50
VIRGINALIS. Pure white.....	50
WHITLEYI. Fragrant, white.....	25

Twelve French varieties. \$4.00 per doz.

HOTEIA JAPONICA.

ASTILBE, OR SPIRÆA JAPONICA.

A splendid plant either for outside flowering or forcing; it produces beautiful sprays of silver white flowers during February and March when forced, or outside in June; its dark green leaves, resembling some of the well-known Ferns, when covered with bloom, make it an attractive object. 25 to 50 cts.

**PHLOX—Hardy Perennial.**

The beauty of the Phlox is not yet sufficiently known and esteemed. For their brilliant trusses of flowers, comprising all shades of color, from white to crimson, striped and mottled, they have few if any superiors among hardy perennial plants. They should be divided and replanted, in freshly prepared soil, each alternate year.

New varieties recently introduced by the best English and Continental growers. 50 cts. \$4.50 per doz.

ADELAIDE. Salmon scarlet; extra fine.
DRONEDA. Brilliant crimson.
ELDORADO. Brilliant crimson, shaded with purple.
EUGENE JANNER. White, rosy violet eye; dwarf.
J. H. LAING. Very large carmine.
LE COER DU MONDE. Large rose, flaked white, crimson eye; very fine.
MAD. MEURET. Shaded lilac; large crimson eye.

MAD. MONTPENSIER. White, tinged with lavender; purple eye.
MISS ROBERTSON. Pure white, perpetual flowering; extra.
MISS WHITEHEAD. Rose, crimson eye.
MONS. TAILLARD. Salmon, large crimson centre.
MRS. BALFOUR. Carmine purple; fine form.
QUEEN OF WHITE. Large heads of pure white.
SOUVENIR DE BEROYER. Splendid crimson.

General List of Hardy Phlox.

Price 25 cts.; \$2.50 per doz.

AUGUSTE REVIERE. Large, bright salmon, shaded carmine; extra.
BARONNE DE LASSUS. Large, fine form, salmon-rose, purple eye.
COMTESSE DE CHAMBORD. White, with salmon purple.
COMPTESSA VIGIER. White marbled carmine, large crimson centre.
DOCTEUR BOISDUVAL. Light rose, carmine eye.
DUCHESSA DE BAUFFREMONT. White, with bluish centre.
EBLOUISSANTE. Fine purple.
ECLAIR. Large rosy carmine; dwarf.
ENERLEY. Brilliant crimson, dark centre.
ETOILE DU MATIN. White, with rose eye.
EUGENE VERDIER. Dotted with silver, and purple eye.
GERARD. Clear rose, carmine eye.
LA FRAICHEUR. White, mottled and marbled violet carmine.
LE SULTAN. Purplish crimson.
LE LION. Mottled lilac and rose; carmine eye.
MAD. AUBERT. Pure white, violet, star-shaped centre.
MAD. LEON GALLOIS. Pure white, purple eye.
MAD. DE MAISONNEUVE. White, tinged lavender, crimson eye.
MAD. DE METTENIER. White, mottled carmine.
MAD. DE WENDEL. Pure white, large carmine eye.
MAD. GUILLOTEAUX. White, shaded violet; dwarf.
MAD. GUILLOT. Very large, rosy-violet, with purple eye; fine.
MAD. JOUBERT. Rich rose, large crimson eye.
MAD. LE COURT. Brilliant carmine; crimson eye.
MAD. MOISSET. Very light rosy mauve; dark rose eye.
MAD. PECAUL. Carmine, mottled white; purple eye.
MAD. RENDATLER. Rosy violet, with broad white edge.
MAD. VERLOT. Rosy lilac, shaded gray; very dark eye.
MADEMOISELLE SAUSSINE. White, with large, dark carmine eye.
MARS. Fine crimson.
MISS SHIELDS. White, with crimson centre.
MONS. VAN HAUTTE. Coppery-salmon, with dark purple eye; extra.
MR. FORREST. Carmine, shaded with crimson.
NAPOLEON III. Extra; fine striped; white and lavender.
PANICULATA VARIEGATA. Handsome variegated foliage, rose-colored flowers. 50 cts.
PRINCESSE DE FURSTENBERG. Very large, white; carmine eye.
PRINCE TROUBETZKOI. Rose, striped with lilac.
PRINCESS OF WALES. Pure white.
PRINCESS MATHILDA. White, mottled with rosy lilac.
RAPHAEL. Rose, crimson eye.
TRI DE TWICKEL. White, striped with violet mauve.
VICTOR LEMOINE. Rose, dotted ash, with carmine-purple eye; extra.

HARDY PINKS.

These are dwarf growing varieties, about one foot in height. The flowers are of various colors, rich in fragrance, perfectly double, and entirely hardy.

New Varieties.

30 cts., except where noted. The set of 6 varieties, \$1.50.

- DERBY DAY. Maroon, broad pink margin; extra. 50 cts.
 EXCELLENT. White maroon centre, narrow violet margin.
 JOHN BULL. White, dark purple centre, violet edge.
 LADY CRAVEN. Very dark maroon, broad white margin.
 PRESIDENT. White; large purple centre.
 RELIANCE. White, maroon centre.

Older Varieties.

20 cts.; \$2 per doz.

- | | |
|------------------------------------|--------------------------------|
| ATTRACTION. White and maroon. | MRS. POTTIFER. White, lilac |
| ALBA FIMBRIATA. Fringed white. | centre. |
| COCCINEA. Very fine, pure scarlet. | PLUTO. Dark rose. |
| GERTRUDE. Rose, maroon centre. | QUERTER. Large double crimson, |
| KOHINOOR. White and crimson. | extra. |
| LADY BLANCHE. Fine pure white. | QUEEN VICTORIA. Fringed white, |
| LAURA WILMER. White, edged | rose centre. |
| maroon. | ROSEDALE. Fringed rose. |

PENSTEMONS.

This beautiful class make fine plants, about 2 feet high, which continue in flower during the entire summer; flowers in spikes of gloxinia-like form, shaded and mottled in all colors of white, blue, scarlet, crimson and pink.

Price 30 cts.; \$3 per doz.

- AURORA. Violet, white throat.
 DIANA. Carmine rose, white throat.
 DR. SMITH. Blue, light throat.
 EUTERPE. White, flushed with rose.
 GEO. AMER. Scarlet, white throat.
 GEO. BRUANT.
 GEO. SAND. Purple, veined white.
 JASON.
 LE MARQUIS.
 LUSTRE.
 MAJARDOR.
 MARIE HELD. White and violet.
 MONS. CHABERT. Bright rose, large white throat.
 MONS. CHALET.
 POLLY KING. Rosy crimson, white throat.
 PROTESTATION.
 STANSTEAD RIVAL. Crimson scarlet, white throat.
 W. E. GUMBLETON. Deep purplish rose, white throat.

TRICYRTIS GRANDIFLORA.

The flowers of this beautiful hardy herbaceous plant resemble in their formation and markings some species of orchids. The ground color of the flower is lilac, marbled with white, borne on spikes six inches long. The flowers have a fragrance similar to Heliotrope, which, with their blooming during October and November, causes them to be much in demand by the bouquet makers. 25 to 50 cts.

DOUBLE VIOLETS (Viola Odorata).

All the varieties should have a slight protection of leaves during the winter. A better plan to insure early spring flowering is, to plant in cold frames in the fall. They thrive best, during the summer, in a shady situation, in a rich deep soil. 20 cts.; \$2 per doz.

"BELLE DE CHATENAY." See Novelties, page 128.

DOUBLE WHITE. Exquisitely fragrant.

KING OF VIOLETS. Large, double dark blue. 30 cts.

MARIE LOUISE. Deep violet blue; very fragrant and free-flowering.

It should be grown by all interested in the culture of cut flowers, on account of its easy forcing qualities.

NEAPOLITAN. Light blue, large, and exquisitely fragrant.

PRINCESS LOUISE. Fine double white.

QUEEN OF VIOLETS. Large, double, white, shaded blue.

QUEEN VICTORIA. The largest single-flowering sort, deep blue, very fragrant and free; a good forcing variety.

SCHENBRUN. Single, deep blue; very fragrant.

WHITE CZAR. Novelty, see page 128.

DOUBLE DAHLIA.

Of this attractive flower we have several hundred varieties, and are constantly adding all the newest and best as they are offered, and rejecting older and inferior kinds. Our collection has received numerous prizes at the exhibitions of the Pennsylvania Horticultural Society.

Dahlias delight in a rich, sandy loam, highly manured with decomposed cow manure. To insure perfect flowers, mulch during the summer with short manure. Thin out superfluous branches, and keep them well tied up to strong stakes, firmly driven in the ground at the time of planting. The best time for planting is about the first of May for the roots, and the plants can be set out as late as the tenth of June. The roots can be preserved during the winter in dry sand, free from frost, damp, or fire-heat.

We have classified the general list according to colors. Among the varieties known as Fancy or Parti-colored Dahlias, there are some that are more or less liable to "*sport*," the flowers varying in color on the same plant, and some seasons do not come up to the description.

SCHMITZ'S NEW PRIZE DAHLIAS.

We take pleasure in offering the following list of new seedling Dahlias raised by Mr. Gerhard Schmitz, the successful Dahlia grower of Philadelphia. Years of experience justify the originator in pronouncing these the best he has ever sent out. Special premiums were awarded these varieties at the Autumnal Exhibition of the Pennsylvania Horticultural Society,

Price, 50 cts. each, for ground Roots. \$5.00 per dozen.

ACIS. Lilac, shaded.

ADAH. Purple, golden tip.

AJAX. Pure white, full centre, (Liliput.)

AMAZON. Primrose, full centre.

BEATRICE. Blush, full centre.

BEPP0. Primrose, tipped with scarlet.

ESTELLA. Creamy white, perfect form.

HIAWATHA. Blush white, full centre.

JEWEL. Bright scarlet.

MABEL. Creamy white, full centre.

MIRA. Yellow and purple.

ROSINA. Bright rose, full centre.

SIGNET. Lilac, striped with crimson.

SIREN. Bronze, full centre.

TROJAN. Yellow, tipped with rose, full centre.

GENERAL LIST.

The following is a carefully selected list of the best, arranged under their distinctive colors.

Price, 30 cts. each. \$3.00 per dozen. \$20.00 per 100.

FANCY VARIETIES.

ADELINE. White, tipped with crimson.
 ALICE. White, laced with pure rose.
 AMAZEMENT. Yellow, striped with crimson.
 AMERICA. White, striped and splashed with crimson.
 AMORETTE. Light rose, edged with lilac.
 ANTIOPE. Buff, shaded with carmine.
 ATTRACTION. Lilac, heavily striped with maroon.
 AUTUMN GLOW. Orange salmon, with buff edge.
 BICOLOR. Lilac striped, and dotted with maroon.
 BIRD OF PASSAGE. White, tipped with carmine.
 BIZARRE. Yellow, striped with crimson.
 DANDY. Maroon, striped with lilac.
 DRUSUS. Deep red, on yellow ground.
 EBENE. Rosy buff, mottled with white.
 ELIZABETH. Lilac, striped with purple.
 EMILY. White, with lavender edge.
 FANNY LEWALD. Blush, tipped with crimson.
 FAVORITE. Pure white, dotted with purple.
 FLAMBEAU. Yellow, tipped with carmine.
 FRANK SMITH. Maroon, tipped with white. 50 cts.
 GERMAN GLORY. Sulphur yellow, tipped with white.
 GLADIATOR. White, with broad maroon margin.
 HEBE. White, edged yellow, tipped with red.
 LADY HERBERT. White, edged crimson.
 LADY JANE ELLIS. Creamy white, tipped with rose.
 LADY OF THE LAKE. Blush, edged with purple.
 MARQUIS DE BEAUMOND. White, tipped with rose.
 MASTER OF ARTS. Rose, tipped with dark purple.
 MRS. ENGLISH. Rose, shaded with carmine.
 MRS. KUTH. Yellow, tipped with white.
 MRS. THOMPSON. Yellow, striped with purple.
 NYDIA. Sulphur, tipped with purple.
 ŒILLET PARFAIT. Buff, striped with scarlet.
 PAINTED LADY. Lilac, striped with maroon.
 PENELOPE. Blush white, faintly striped with purple.
 PROSPERO. Blush, purple margin.
 S. SICKMANN. White, edged with maroon.
 SUNBEAM. Blush, striped with carmine.

PURPLE AND LILAC.

ARIANA. Beautiful lilac.	FRED. STOLL. Deep lilac.
BESSIE WYATT. Fine purple.	L'AFRICAIN. Dark purple.
DONALD BEATON. Purple.	LORD NAPIER. Bright purple.
FASCINATION. Deep rosy lilac.	MANTES DE LA VILLE. Rosy
FLORA. Deep purplish lilac.	lilac.

YELLOW.

BILA BILA. Aurora, yellow base.	KING OF YELLOWS. Pure yellow.
CALIFORNIA. Pure yellow.	LEAH. Orange yellow.
CARINA. Orange-shaded carmine.	QUEEN OF PRIMEOSE. Primrose yellow.
DEFIANCE. Pale yellow, tipped with white; extra.	ROYALTY. Golden yellow, dark tips. 50 cts.
DODAS. Beautiful yellow.	PAN. Fawn color
FANNY PURCHASE. Bright yellow.	

SCARLET, MAROON AND CRIMSON.

ARTHUR ENGLISH. Crimson.	MADGE WILDFIRE. Bright rosy scarlet.
ANDRE THOUIN. Crimson scarlet.	MARIE BERSAUD. Orange scarlet.
BALL OF FIRE. Orange red.	MRS. BOND. Crimson, shaded with scarlet.
BOB RIDLEY. Ruby crimson.	RED JACKET. Fine scarlet.
CHARLES TURNER. Dark scarlet.	ROBT. BONNER. Orange scarlet.
FEUERBLICK. Crimson scarlet.	ROVER. Deep scarlet; shaded with maroon; extra fine.
FIRE FLY. Bright scarlet.	WACHT AM RHEIN. Maroon.
GLOWING COAL. Crimson scarlet.	
LADY ATKINS. Fine dark scarlet.	

WHITE.

FANNY. Blush.	PRINCESSE MATHILDA.
MRS. WM. PIGGOTT.	SNOWDRIFT.
MISS HENSHAW.	VESTA.
OBLATA.	VIRGO MARIA.

LILIPUTIAN, OR BOUQUET DAHLIAS.

The term "Liliputian" applies to the flowers, not the plants. They are distinguished by a profusion of elegant miniature blossoms, remarkable for symmetry of form and beauty of colors. Useful for Bouquets and Baskets of cut-flowers. 30 cts. \$3.00 per dozen.

DEUTSCHER TURNERGRUSS. Crimson scarlet, edged with white.	KLEINE DOMITEA. Buff yellow, marked with red; fine.
DEUTSCHE JUGENDFUELLE. Rose.	LITTLE GOLDLIGHT. Yellow, shaded with scarlet.
DEUTSCHE MÄDCHENLIEBE. Lilac.	LITTLE HELENE. Blush, tipped with purple.
DEUTSCHE ORDEN. Dark purple.	LITTLE HERMANN. Yellow, tipped with scarlet.
DEUTSCHER ZELLENMEISTER. Pure scarlet.	LITTLE MISTRESS. Violet purple.
DR. SCHWEBBS. Deep scarlet.	LITTLE NAJADE. Rose, edged with crimson.
ESMERALDA. Rosy lilac.	LITTLE PRINCE. Currant-red, tipped with white.
GRETCHEN HAMAN. Fine yellow.	MAD. C. HAROLD. Blood red, shaded with golden yellow.
GRUSS AN TURGAU. Fawn color.	RACINE. Maroon.
KATE VANE. Claret.	UNA. Pure white.
KLEINER GOTTHOLD. Crimson, shaded with maroon.	
KLEINER PREUSSE. White, edged with maroon.	

SUMMER-FLOWERING BULBS.**FRENCH HYBRID GLADIOLUS.**

cellar, protected from frost.

They are the most stately and effective of the whole genus; being of a robust erect growth, with green sword-shaped leaves and magnificent flower-scapes, rising from two to four feet in height. The colors comprise the most brilliant of orange, scarlet, and vermilion tints upon yellow and orange grounds, including a graduated scale of intermediate shades, from white and rosy blush and salmon rose tints, to a salmon red and nankeen; from blush-white with purple crimson throat, and marginal streak of pink, to light rosy salmon grounds, with flakes of deep carmine. A succession of bloom may be had from July to September, by planting at intervals from April to June, preserving the strongest bulbs for the latest planting. Their culture is very simple; they will grow in any ordinary garden mould, but succeed best in good earth, manured with well rotted horse-dung. The bulbs are taken up in the fall and placed in a dry

Gladiolus, in Assortments—Invariably our Selection.

We have made these selections with reference to contrast of colors, time of flowering, and quality of bloom, and will serve as a guide to those unacquainted with the sorts. The seedlings offered abound in the finest varieties, which compare favorably with the higher-priced named sorts. The mixtures contain many good sorts.

No.	Price.	No.	Price.
1. 12 varieties named	\$1.50	6. 12 mixed white and light colors	\$1.50
2. 12 " "	2.50	7. 100 mixed white and light colors	8.00
3. 12 " "	5.00	8. 12 choice seedlings.....	1.00
4. 12 mixed varieties	75	9. 12 extra "	1.50
5. 100 " "	5.00		

On purchaser's selection a discount of ten per cent. from catalogue prices will be made when one dozen varieties are selected. Twenty per cent. on one hundred varieties.

FRENCH HYBRID GLADIOLUS.

The prices given are for each bulb ; they will be mailed free at these prices. Mixtures will cost 25 cts. per doz. for postage, if sent by mail.

- ACHILLA. Currant-red, white lines. 30 cts.
ADONIS. Light rosy salmon, carmine margin. 15 cts.
ALCYON. White ground, flamed and bordered with carmine rose. 75 cts.
APOLLON. Rosy lilac, with a large stain of light rose ; fine. 50 cts.
ARGUS. Long spike of well-opened flowers ; glittering fire-red centre, and lower divisions pure white. 75 cts.
ARISTOTE. Light rose, purplish crimson stripes. 10 cts.
ARSINOE. Fine satin rose, flamed with bright crimson. 75 cts.
BERENICE. Pink, flaked with cherry ; maroon stripes. 20 cts.
BERNARD DE JUSSIEU. Violet ground, shaded and tinted with cherry and purple, stains purple on white ground. 20 cts.
BERTHA RABOURDIN. Pure white, carmine stain. 20 cts.
BIJOU. Light cherry, flamed with scarlet. 15 cts.
BRENCHILIENSIS. Very fine rich scarlet. 10 cts.
CALYPSO. Rose, striped and blotched with carmine. 15 cts.
CANARY. Clear yellow, shaded with rose. 20 cts.
CANOVA. Long spike of very large white, carmine spotted flowers. 75 cts.
CELINE. White and rose ground, carmine stripes. 20 cts.
CERES. Pure white, stained with purplish rose ; large. 35 cts.
CHARLES DICKENS. Light rose, tinted with chamois, blazed and striped with carminate rose. 25 cts.
CHERUBINI. Large flower, perfect shape, with ground largely blazed with carminate violet. 40 cts.
CITRINUS. Light yellow, lower petals dark yellow. 35 cts.
CLEMENCE. White ground, with rose and crimson flakes. 20 cts.
COMTE DE MORNY. Dark cherry, with white blotches. 20 cts.
COURANTI FULGENS. Very rich dark crimson. 10 cts.
CUVIER. Amaranth, blazed with purple ; large. 25 cts.
DANÆ. White, shaded with violet. 25 cts.
DAPHNE. Light cherry with dark stripes. 20 cts.
DE CANDOLLE. Light cherry, blazed with red, fine shape. 50 cts.
DE LAMARCK. Large cherry color, blazed with red ; white stains. \$1.25.
DELECATISSIMA. Long spikes of fine white flowers, very slightly tinged, bordered and blazed with a soft carmine lilac. 75 cts.
DIANA. White, flaked with dark red ; very fine. 30 cts.
DIDON. White, suffused with pale lilac. \$1.00.
DON JUAN. Orange and fire-red. 10 cts.
DR. LINDLEY. Ground light rose, borders of the petals very bright rose, blazed with cherry ; large and fine. 50 cts.
DUC DE MALAKOFF. Orange red, blazed with lighter stripes, white ground. 20 cts.
EDITH. Rose carnation, dark stripes ; large. 15 cts.
EDITH DOMBRAIN. White ground flamed dark carmine, blotch carmine purple. \$2.50.
EGERIE. Light orange-colored rose. 20 cts.
ELDORADO. Fine pure yellow, red stripes in lower division. 20 cts.
ELVIRE. Pure white, flamed carmine ; very delicate. \$1.50.
EMMA. Light carmine spotted ; dwarf. 10 cts.
ENDYMION. Clear pink, edged with rose, marked with deep crimson. 25 cts.
ERATO. Pale rose, carmine stains. 25 cts.
ERNST DUVAL. Dark red, violet shade. 15 cts.
ETENDARD. Flower large, perfect white, slightly blazed with bluish lilac. 35 cts.
EUGENE VERDIER. Dark carmine, purple shade ; dwarf. 15 cts.

- EURYDICE. Pure white, blazed with bright carmine; large flower, perfect shape. 60 cts.
- EVA. White, slightly tinged with rose and pale lilac. \$1.50.
- FANNY ROUGET. Flesh-colored rose. 10 cts.
- FELICIEN DAVID. Large flower; cherry rose, striped with light carmine, on large white ground; very fine spike. 60 cts.
- FLORA. White ground, shaded with lilac, very long spikes, perfect shape. \$1.00.
- FULTON. Transparent velvet-like vermillion, bright purple stain, large flower, fine shape. 20 cts.
- GALATHE. Nearly white, with carmine stains. 20 cts.
- GIL BLAS. Striped cherry color. 30 cts.
- GOLIATH. Large, light red, carmine stains. 15 cts.
- HEBE. Salmon tinted white, flaked with rose. 25 cts.
- HECTOR. Rose, striped with darker rose. 20 cts.
- HORACE VERNET. Bright purple red, large pure white blotch. \$2.50.
- HENRIETTA. White, tinted and blazed with lilac; dwarf. 50 cts.
- HOMER. Light amaranth, flamed with bright purple. \$1.50.
- HORTENSE. Beautiful rose color, on white ground largely blazed with carmine red. 50 cts.
- IDA. White tinged with rose. 15 cts.
- IMPERATRICE. Blush white, striped with purple. 15 cts.
- IMPERATRICE EUGENIE. White ground, blazed with rosy violet; very large flower, perfect shape. 60 cts.
- ISABELLA. Pure white, with large dark carminate violet stains; very fine spike. 75 cts.
- ISOLINE. Pale flesh and carmine, violet stain. 25 cts.
- JAMES WATT. Bright vermillion, large pure white stain, striped with purple. 50 cts.
- JEANNE D'ARC. White, tinged with rose. 15 cts.
- JOHN BULL. White, sometimes pinkish white, striped with lilac; fine large flower. 15 cts.
- JOHN WATERER. Light cherry, blazed with red, large white stains, striped with rose; large. 75 cts.
- JUNO. White, striped with lilac, purple stain. 75 cts.
- LA CANDEUR. Very long spike of large well-opened flowers, of a perfect white, lightly striped with carmine violet. \$1.00.
- LADY FRANKLIN. White, tinged with rose, striped with carmine, and blazed with carminate rose. \$1.00.
- LA FIANCEE. Very pure white, small bluish-violet stain; flower large and perfect. 75 cts.
- LE BARIOLE. Flesh, striped with carmine and violet; dwarf. 20 cts.
- LELIA. Peach blossom, stained with lilac; fine. 25 cts.
- LEONORA. Cherry red, tinged with orange; large. 75 cts.
- LE POUSSIN. Light red, white ground, and very large white stains on the inferior division; 20 cts.
- LORD BYRON. Brilliant scarlet, stained and ribboned with pure white. 20 cts.
- LORD GRANVILLE. Pale yellow, striped with rose. 20 cts.
- LORD RAGLAN. Rosy salmon, vermillion spots. 30 cts.
- LOUIS VAN HOUTTE. Velvety carmine with purple. 10 cts.
- MACMAHON. Cherry, tinted with salmon. 50 cts.
- MADAME BASSEVILLE. Cherry, purplish stain on white ground, white lines in the middle of each division. 50 cts.
- MADAME BINDER. White, carmine stripe; dwarf. 40 cts.
- MADAME DE SEVIGNE. Light cherry, very largely stained and lined with pure white; fine. 60 cts.
- MADAME DE VATRY. White, purplish-carmine stains, very large. 25 cts.

- MADAME DESPORTES. Pure white, the lower petals slightly striped with violet. \$2.50.
- MADAME EUGENE VERDIER. Deep cherry, bright purple stains. 10 cts.
- MADAME HACQUIN. Blush, heavily flaked with lilac purple. 20 cts.
- MADAME HENRIQUE. Creamy white, flaked with purple. 15 cts.
- MADAME LESEBLE. Pure white, large purplish-rose stain. 50 cts.
- MADAME PAILLET. Carmine and violet. 10 cts.
- MADAME RABOURDIN. Rose, flaked with carmine, and slightly lined with white in the centre of petals. 60 cts.
- MADAME VICTOR VERDIER. Rich rosy salmon, stained with crimson purple. 10 cts.
- MADAME VILMORIN. Rose, lighted with white in the centre, shaded with darker rose, and striped with carmine on white ground; large and fine. 60 cts.
- MARIE DUMORTIER. White, slightly streaked with rose and violet purple; extra. 25 cts.
- MARY STUART. White, slightly tinged with rose, blazed with bright cherry. \$1.50.
- MARS. Beautiful scarlet. 15 cts.
- MATHILDA DE LANDEVOISIN. White, carnation tinted. 30 cts.
- MAZEPPA. Orange rose, yellow stains, striped with rose. 15 cts.
- METEOR. Dark red, brilliant, large stains of pure white. 35 cts.
- MEYERBEER. Very brilliant nasturtium red, blazed with vermilion, amaranth red stain; large flower, perfect shape, very long spike; vigorous and splendid plant; 20 cts.
- MIDAS. Vivid rose, mottled with cherry scarlet. 10 cts.
- MILTON. White, slightly tinted with rose, largely blazed with red; extra. 50 cts.
- MOLIERE. Dark red, with violet carmine; fine. 50 cts.
- MONS. BLOUET. Rose, shaded carmine. 10 cts.
- MONS. CORBAY. Light orange. 50 cts.
- MONS. LEGOUVE. Fiery red, with blotch white line on each petal. \$1.50.
- MOZART. Bright rose, tinged with violet, white blotch. 50 cts.
- NAPOLEON III. Very bright scarlet, white streak. 20 cts.
- NELLY. White, blazed with carminate rose, large stain of carmine. 15 cts.
- NEMESIS. Bright rose, lined with white. 10 cts.
- NEPTUNE. Rosy carmine, violet centre. 15 cts.
- NEWTON. Dark crimson, with white ground, largely lined with white; new shade. 60 cts.
- NINON DE L'ENCLOS. Blush, striped with crimson. 15 cts.
- OPHIR. Dark yellow, purple stain. 20 cts.
- ORACLE. Cherry rose, brilliant and fine. 20 cts.
- ORPHEUS. Vigorous plant, very long and magnificent spike of large flowers, admirably set, rose color, blazed with carmine; perfection. \$1.00.
- OSIRIS. Dwarf, purple stained with white. 20 cts.
- OTHELLO. Light orange red; dwarf. 10 cts.
- PALLAS. Bright rose, striped with deep rose. 15 cts.
- PEGASSE. Pink, flaked with salmon rose; very large. 20 cts.
- PELLONIA. Variegated rose, tinted with carmine. 20 cts.
- PENELOPE. Large flower, white and carnation. 15 cts.
- PERICLES. Splendid spike of large well-set flowers, light rose, bordered and blazed with carminate purple, very large pure white stains; perfection. \$2.00.
- PHEBUS. Fiery red, with a very large pure white and showy stain; splendid variety. \$1.50.
- PRINCE IMPERIAL. White, with carmine; fine and large. 15 cts.

- PRINCESSE MATHILDE. Beautiful rose, carmine stains. 20 cts.
 PRINCESSE MARIE DE CAMBRIDGE. White, with very large carmine stain, large, well-opened flower; extra. \$2.00.
 PRINCESS OF WALES. White, blazed with carmine and rose. 15 cts.
 RACINE. Long spike of cherry colored flowers, tinged with violet, centre white, striped with pure white. 35 cts.
 RAPHAEL. Deep vermilion centre, lighted with white. 20 cts.
 REBECCA. White, striped with lilac. 20 cts.
 REINE VICTORIA. Pure white, violet carmine stain; large and fine; one of the best; extra. 25 cts.
 ROBERT FORTUNE. Long spike, large open flowers of a carmine red color, tinged with violet, pure white lines on all the divisions; perfection. \$1.50.
 ROMULUS. Large flowers, brilliant brownish red; large pure white stain; very showy. 40 cts.
 ROSA BONHEUR. Large, well-opened white flowers, slightly tinged with lilac, and blazed with carmine violet. \$1.50.
 ROSA PERFECTA. Fine rose color, tinged violet, pure white lines on all the divisions. \$1.00.
 ROSSINI. Dark amaranth red, lined and stained with white; flower large, perfect, very long spike. 75 cts.
 RUBENS. Bright vermilion, striped with carmine, whitish ground. 50 cts.
 SCHILLER. Long spike of large well-opened sulphur colored flowers, large carmine stain. \$1.00.
 SHAKSPEARE. White, very slightly blazed with rosy carmine, large rose stain; extra. \$1.00.
 SIR JOSEPH PAXTON. Red, slightly tinged with light orange, finely striped with carmine on white ground. 75 cts.
 SIR WILLIAM HOOKER. Light cherry, rosy carmine stain on pure white ground, large and well-opened flower. 75 cts.
 SAPHO. Cherry, orange-tinted, large pure white blotch. 75 cts.
 STUART LOWE. Rosy violet, stained and blazed with deep rose on white ground. 50 cts.
 SULPHUREUS. Sulphur yellow. 20 cts.
 THALIA. White, striped with carmine; large. 60 cts.
 THERESA. Rose, shaded with salmon, carmine stain. 30 cts.
 ULYSSES. Very fine glazed rose, beautiful shade; large and perfect flower. \$1.50.
 VESTA. Pure white, spotted with purplish carmine. 20 cts.
 VIRGINALIS. Pure white bordered, and flamed with carmine. \$1.50.
 VULCAN. Brilliant dark velvety crimson, purple shade. 25 cts.
 WALTER SCOTT. Bright rose, white ground, striped rosy carmine. 40 cts.

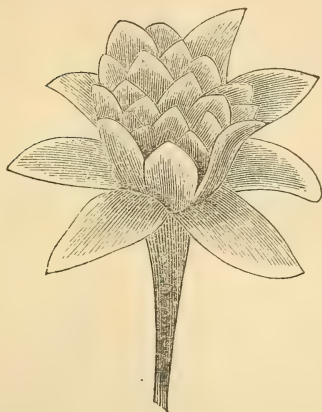
DOUBLE TUBEROSE.

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs, throwing up tall spikes of double white flowers 3 to 5 ft. high, which remain in bloom a long period. It is now an indispensable article in making up a bouquet or basket of flowers at any time during the year, as by skilful management a succession of flowers can be obtained. For early flowers they can be started in February or March, in the green-house or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open borders, they can be planted about the first of May; they will then bloom in September. The bulbs we offer this season are very fine, and certain to flower.

First size, each.....	10	Second size, each.....	8
Per dozen.....	\$1.00	Per dozen.....	80
Per hundred.....	6.00	Per hundred.....	\$5.00
First size, started in pots for early flowering, per dozen, \$2.00.			



DOUBLE TUBEROSE.



NEW DOUBLE TUBEROSE, "PEARL."

New Double Tuberose, "Pearl."

The value of this sort over the common variety consists in its flowers, being of double size, imbricated like a rose, and its dwarf habit, growing only from 18 in. to 2 ft. in height; its short growth making it desirable as a pot plant or for winter forcing. 15 cts. each; \$1.25 per doz.; \$8 per 100.

Started in pots, per dozen, \$3.00.

Variegated-Leaved Tuberose.

Leaves striped with light yellow, very showy when planted in masses; flowers single. 25 cts. each; \$2.50 per doz.

Tuberose Bulbs by mail will cost 25 cts. additional per doz., to prepay postage. The roots this season being exceedingly large and fine.

AGAPANTHUS UMBELLATUS—African Lily.

A noble plant, belonging to the bulbous-rooted section, with evergreen foliage. A plant will frequently send up a flower-stalk three feet high, crowned with a head of twenty or thirty blue flowers, which will come into blossom in succession. It blooms during the summer, and forms a fine ornament to an architectural terrace, or a lawn. The roots are preserved in a cellar or under the stage in the green-house during the winter. Price of plants from 50 cts. to \$1.00, according to size. Small plants 25 cts.

UMBELLATUS MINOR. A dwarf variety. \$1.00.

ALBUS. White flowers. \$1.00.

FOLIIS VARIEGATIS. Variegated foliage. \$1.00.

AMORPHOPHALLUS RIVIERI.

A new Ariod, of easy out-door culture, producing a solitary palm-like leaf on a rose and olive-green speckled stem, two to three feet high. The tubers, maturing the second year, produce flowers like the "Calla Lily;" the outside of a similar color to the leaf stalk, the inside deep blood-red, veined with black. Tubers are planted out in May, and kept over winter like Dahlia roots. Large tubers, 75 cts.; small tubers, 25 to 50 cts. each.

BEGONIA (Tuberous-rooted).

The bulbs produce fine plants, either for pots in summer, or for bedding out, flowering profusely until frost; doing well in sun or shade. Preserve roots in winter the same as Caladium tubers.

BOLIVIENSIS. Large orange flowers. 40 cts.

FRÆBELI. Vivid crimson-scarlet flowers. 75 cts.

SEDENI. Clusters of bright carmine flowers. 40 cts.

SEDENI VICTORIA. Bright carmine, scarlet flowers. 75 cts.

VEITCHI. Flowers of the richest scarlet. 75 cts.

LILIUM AURATUM, or Golden Japan Lily.

This superb Lily has flowers from ten to twelve inches across, composed of six delicate white, ivory-like petals, each being thickly studded with rich chocolate-crimson spots, and having a bright golden band through the centre of each petal, with an exquisite vanilla-like perfume. As the bulbs acquire age and strength, the flowers obtain their maximum size and number. Upwards of twelve flowers have been produced on a single stem. It is perfectly hardy in dry soils, and is also admirably adapted for pot culture.

Sound flowering bulbs of our own growing, 50 to 75 cts. \$5.00 to \$7.50 per doz., according to size.

CALIFORNIA LILIES.

The following varieties we have received from a responsible collector and botanist in California, which we offer with the descriptions received:

HUMBOLDTI. Color golden yellow, spotted with scarlet; flowers drooping on long peduncles. 75 cts.

PARVUM. Rich dark yellow, red spots. \$1.00.

WASHINGTONIANUM. Flowers erect, pure white, with bright scarlet spots, produced in abundance on strong tall stems, four to six feet high; fragrant. \$1.00.

JAPAN LILIES (Lilium Lancifolium).

These superb Lilies are perfectly hardy, flowering freely in July and August, forming one of the most striking objects in the flower border. Strong bulbs, for spring planting, can be furnished as late as the 1st of April, after which time they can be furnished in pots, for turning out into the border. They also flower finely in pots.

LANCIFOLIUM ALBUM. White. 50 cts.

ROSEUM. Spotted rose. 25 cts.

RUBRUM. White and red spotted. 25 cts.

MONSTROSUM ALBUM. 75 cts.

MONSTROSUM RUBRUM. 75 cts.

For other varieties, see Bulb Catalogue of 1877.

TRIGIDIA CONCHIFLORA.

Orange, with crimson spots, flowering from July to October. Curious and beautiful shell-like flowers. 15 cts.; \$1.50 per doz.

MADEIRA, MEXICAN, OR MIGNONETTE VINE.

Of rapid growth, suitable for covering arbors, etc. Flowers feathery white, with a fragrance resembling Mignonette. 10 cts.; 75 cts. per doz.

BASELLA RUBRA VARIEGATA.

A beautiful species of *Mexican Vine*, of shrubby habit, fine for bedding, or planting in vases, in a sunny position; height 13 inches, with large fleshy, white and green foliage; bright red stems. Flowers pink; perfume similar to Mignonette. 25 cts.; \$2.50 per doz.

VALLOTA PURPUREA.

Flowers of a brilliant scarlet, resembling the *Amaryllis*, the bulb throwing up its strong stems about one foot high, with from five to eight of its lily-like flowers; fine for bedding out, or cultivation in pots. Unlike many other bulbs, it requires no season of rest, but can be kept constantly in a growing condition, taking care not to over-pot them, as they flower better when pot-bound. After blooming a slight shift may be made. 50 cts.

HYBRID AMARYLLIS.

Imported direct from the celebrated collection of Louis Van Houtte, Belgium. These splendid varieties are desirable for room culture, the green-house, or conservatory, etc., producing from two to ten of the richest crimson, scarlet, white striped, and self-colored lily-like flowers. \$1.50 each; \$15.00 per doz.

The following varieties, *Hybrids of Vittata*, are from M. Souchet, Paris, the successful Gladiolus grower:

Hybrids, white ground, lined and striped with red and rose.

\$1.50. Hybrids, red ground, striped with white. \$1.50.

Also the following choice named varieties, from a celebrated collection:

AULICA. Dark crimson; large and fine. \$2.00.

JOHNSONI. Scarlet, striped with white. \$2.00.

PRINCE OF ORANGE. Bright orange; large. \$2.00.

VITTATA. White, striped with dark rose; extra. \$2.00.

AMARYLLIS FORMOSISSIMA (*Jacobæa Lily*). Crimson-velvet color, flowering early in the summer. The flowers have a most graceful and charming appearance. To be planted out in May in rich ground; the roots are preserved like Dahlias during the winter. 25 cts.; \$2.50 per doz.

HARDY SHRUBS AND PLANTS.**HARDY GHENT AZALEAS.**

We offer a collection of this magnificent class of plants, producing large trusses of bloom, and possessing a great variety of color.

Named sorts, \$1.25. \$12.00 per dozen.

RHODODENDRONS.

The Rhododendron is one of the most valuable of our hardy decorative plants. The leaves are broad, green and glossy, and when planted in groups, or belts, or alone, give a summer landscape in the midst of winter. Did it produce no flowers, it would be the most desirable hardy plant known, for every style of lawn planting. In June, when the masses of rich and glossy green are surmounted by scarlet, purple and white clusters, each cluster large enough for a bouquet, the display is worthy of any expression of admiration. They bear pruning well, and can be kept down to two feet, or allowed to grow six or eight feet; as standards, they are particularly fine.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during the summer and a protection of leaves and brush during the first winter will be beneficial. The finest varieties are the Hybrids of Catawbiensis. Plants from 18 to 30 in. high, bushy, well established, of which we offer the following choice-named collection:

Price, \$1.00 each; \$10.00 per doz. Plants set with buds, \$1.50; \$15.00 per doz.

- ALARM. White centre, edged with deep carmine.
- ALBUM ELEGANS. Blush changing to pure white.
- ALEXANDER ADIE. Very bright, rosy crimson.
- BARCLAYANA. Fine dark crimson.
- BLANDYANUM. Deep rosy crimson.
- BRAYANUM. Scarlet.
- BYLSIANUM. White ground, with deep margin of bright crimson.
- COMTE DE GOMER. Beautiful white and crimson.
- CONCESSUM. Rosy carmine; fine.
- CORIACEUM. Creamy white.
- EVERESTIANUM. Rosy lilac; crimped petals; fine.
- FASTUOSUM. Double lilac, with large trusses.
- HENDERSONI. Purplish crimson; late bloomer.
- JEWESS. Rosy purple with black spots.
- JOHN WATERER. Brilliant carmine; immense truss.
- JOSEPH WHITWORTH. Rich dark lake, dark spots.
- LADY ELEONOR CATHCART. Fine rose, beautifully spotted.
- LIMBATUM. Pale blush, bordered with bright crimson.
- LORD JOHN RUSSELL. Dark chocolate, beautifully spotted.
- LORD NAPIER. Very dark pure lake.
- MICHAEL WATERER. Late crimson, splendid truss.
- MINNIE. Blush white, with chocolate spots.
- MRS. JOHN CLUTTON. Beautiful clear white, exquisite shape.
- MRS. JOHN WATERER. Bright rosy crimson.
- NERO. Fine dark rosy purple.
- SIR ISAAC NEWTON. Deep-shaded plum-color.
- SIR ROBERT PEEL. Bright scarlet crimson, dark spots.
- SURPRISE. Light rosy lilac, chocolate spots.
- VICTORIA. Fine claret.

HARDY FLOWERING SHRUBS.

These add materially to the beauty of the garden, furnishing a supply of flowers during the spring and summer months, many of them of delightful fragrance. Strong plants of the following :

	Each.
ALTHEA (Rose of Sharon). In varieties.....	50
ALMOND. Double-flowering, rose-colored blossoms.....	50
AZALEA PONTICA. Several beautiful varieties.....	\$1.00
CALYCANTHUS FLORIDUS. Sweet-scented Shrub.....	50
CHIONANTHUS VIRGINICA (White Fringe Tree). 50 cts. to	1.00
CRATÆGUS PYRACANTHA. Fine for hedges, pink flowers.....	50
CYDONIA JAPONICA (Pyrus Japonica). Scarlet flowers.....	50
CYTISUS LABURNUM (Golden Chain).....	50
DEUTZIA SCABRA. White flowers, tall growing	50
GRACILIS. A neat, dwarf-growing shrub, with panicles of pure white flowers blooming in profusion	50
GRACILIS AUREA MARGINATA. Golden edge.....	50
CRENATA FLORE-PLENO. White, double.....	50
FORSYTHIA VIRIDISSIMA (Golden Bell).	25 to 50
MAGNOLIA CONSPICUA. Large Chinese white	\$2.00 to 4.00
SOULANGEANA. White, purple centre	\$2.00 to 4.00
GRACILIS. Dark purple, dwarf.....	50
PURPUREA. Chinese purple.....	50
PEACH. Double-flowering, pink and white.....	75
PHILADELPHUS (Syringa). Known also as the Mock Orange	50
PHILADELPHUS KETELERI FLORE-PLENO. Double- flowering Mock Orange	50
PRUNUS SINENSIS. Double white flowering Plum.....	50
RHUS COTINUS (Purple Mist Tree). Showy.....	50
SPIRÆA. Blooming from early spring until autumn.	
BILLARDI. Flowers in pink spikes.....	50
CALLOSA. Pink corymbs; fine.....	50
CALLOSA ALBA. Dwarf, free bloomer, flowers pure white.....	50
PRUNIFOLIA. Double white.....	50
REEVESI FLORE-PLENO. Double white, bridal wreath	50
THUNBERGIA. Very dwarf white	50
JAPONICA (Astilbe Japonica.) Dwarf, elegant white spikes....	50
SYRINGA (Lilac). A favorite early flowering shrub, fragrant....	50
VIBURNUM OPULIS (Snowball).....	50
WEIGELIA. Popular and handsome shrub.....	50
AMABILIS. Light pink.	DESBOISI. Deep rose.
AMABILIS ALBA. White.	ISOLINE. Pure white.
AMABILIS VARIEGATA.	ROSEA. Deep pink.

CHOICE EVERGREEN SHRUBS AND TREES.

CEDRUS DEODAR. A beautiful and graceful tree. \$2.50.
CRYPTOMERIA JAPONICA. 75 cts. to \$1.50.
EUONYMUS JAPONICA. 50 cts.
LATIFOLIUS AUREUS. The best golden variegated. 50 cts.
TAXUS FASTIGIATA (Irish Yew). Hardy. \$1.00.
RETINOSPORA AUREA. Beautiful golden yellow. 50 cts.
OBTUSA GRACILIS AUREA. A handsome hardy evergreen lawn plant, of much stronger growth than Plumosa, the ends of the young growth of a beautiful yellow color; young plants. \$1.00.
PLUMOSA. Elegant dwarf; perfectly hardy. 50 cts. to \$1.00.
SQUARROSA. Beautiful; hardy. 50 cts.
UPRIGHT JUNIPER. Very desirable for planting along walks, 50 cts.

HARDY VINES AND CREEPERS.

These are desirable for covering arbors, trellises, etc., and add much to the beauty of the garden or verandah.

HARDY CLEMATIS.



FORTUNI.

The improvement in this family within a few years surpasses anything we have in the hardy line. We have imported all the new hybrids recently introduced in England, and offer the following selection. For verandahs, fences, trellises, etc., of moderate height, they are most appropriate. They endure our severe winters exceedingly well, and in summer are covered with a continual mass of bloom when established.

ALBERT VICTOR. Deep lavender. 75 cts.

AZUREA GRANDIFLORA. Large, azure blue flowers. 50 cts.

JOAN OF ARC. White, striped with blue, large flower. 50 cts.

FORTUNI. Large, double white. (See illustration.) \$1.00.

JACKMANI. Large, rich violet purple; very fine. 75 cts.

LANUGINOSA. Very large, pale blue flowers. 50 cts.

LANUGINOSA NIVEA. Large, white. 50 cts.

LADY BOVILLE. Light blue, cupped. 50 cts.

LUCIE LEMOINE. The best double white. \$1.50.

MAGNIFICA. Purple, shaded with crimson. 50 cts.

MISS BATEMAN. White, with chocolate anthers. \$1.50.

PRINCE OF WALES. Large, violet blue, striped with red. 50 cts.

RUBELLA. Rich purple. 50 cts.

RUBRO-VIOLACEA. Large, rich purplish violet. 50 cts.

STANDISHI. Deep blue, profuse flowering. 50 cts.

FLAMULA (*Virgin's Bower*). Fine foliage, with small white flowers, in clusters; fragrant. 25 to 50 cts.

HONEYSUCKLES (*Lonicera*).

25 to 50 cts. each.

BELGIAN or **MONTHLY.** Very fragrant; red and yellow flowers.

CHINESE EVERGREEN. Red, yellow, and white variegated flowers; very fragrant; commonly called Woodbine.

HALLIEANA. A white monthly Honeysuckle, from China; flowers pure white, turning to yellow, with the fragrance of the Cape Jessamine; hardy, vigorous grower, and flowers freely; evergreen.

VARIEGATED (*Brachypodium aurea reticulata*). Foliage beautifully variegated; succeeds in any situation, a fine edging to flower beds.

SCARLET TRUMPET or **CORAL.** Deep red, trumpet-shaped flowers.

YELLOW TRUMPET or **CORAL.** Light yellow tube-like flowers.

IVY (*Hedera*).

The most useful and popular evergreen vine. The varieties marked with an * are the hardiest and most vigorous, suitable for covering walls, fences, trees, rock work, and rustic work, as well as baskets or vases. The others are of a more slender growth, and used principally for hanging-baskets, vases, etc. When grown in pots and trained to screens or trellises, they are very desirable plants for vestibule and hall decoration; its refreshing glossy green foliage will bear a large amount of ill-usage.

ALGERIENSIS. Glaucous green, with large silver blotches. 50 cts.

AUREA MACULATA. Foliage blotched with yellow. 50 cts.

CONGLOMERATA. Densely covered with small undulated foliage; curious. 50 cts.

*DIGITATA OR FINGER-LEAVED (Rare). 50 cts.

*HELIX (*English Ivy*). Rapid grower, most generally used. 25 to 50 cts.

LACINIATUS. Small cut-leaved. 25 to 50 cts.

*LATIFOLIA MACULATA. Marbled white on the young growth; vigorous grower. 25 to 50 cts.

LOBATA. Cut-leaved; fine for baskets or vases. 25 cts.

MACULATA MAJOR. Like *Latifolia Maculata*, but much more variegated. 50 cts.

MARMORATA ELEGANS. Small silvery-marbled leaves. 25 cts.

REGNERIANA. Giant-leaved; strong grower. 25 to 50 cts.

*SPECTABILIS AUREA. Young growth veined with yellow. 50 cts.

TRICOLOR. A small-leaved variety, with handsome white, green and pink variegated foliage; constant. 50 cts.

WISTARIA.

Plants are all strong, pot-grown, transplant easily and give satisfaction.

SINENSIS (*Chinese Glycene*). One of the most hardy climbing plants, and when once established, of rapid growth, covering the entire side of a house in a few years, presenting a magnificent appearance when in full bloom, with its thousands of rich clusters or pendulous racemes of delicate violet-blue blossoms, richly perfumed. 50 cts.

SINENSIS ALBA. A white variety of the above. 50 cts.

FRUTESCENS (*American Glycene*). Of a more dwarf habit than the Chinese; darker blue flowers. 35 cts.

MULTIJUGA. A new variety from Japan, with very elegant foliage and flowers of lilac and blue. 50 cts. to \$1.00.

MISCELLANEOUS HARDY VINES AND CREEPERS.

Price from 25 to 50 cts. according to size.

AKEBIA QUINATA. A climbing plant, from Japan, with beautiful cut foliage, having large clusters of chocolate-colored flowers, which are very fragrant.

AMPELOPSIS QUINQUEFOLIA (*Virginia Creeper*). A very rapid grower, with large dark green foliage, which changes in the fall to scarlet.

AMPELOPSIS VEITCHI (New). A miniature foliaged Virginia Creeper, clinging with the tenacity of the strongest ivy, and produces in great profusion its dense foliage, of a glossy green, shaded with purple. Of rapid growth and hardy; desirable for covering stumps, sides of buildings, etc.; highly recommended.

ARISTOLOCHIA SIPHO (*Dutchman's Pipe*). Very large leaves and brownish flowers, of a very singular shape, resembling a pipe. 50 cts.; very strong plants, \$1.00.

- BIGNONIA RADICANS** (*Trumpet Creeper*). A climbing plant, with large trumpet-shaped flowers of a reddish-orange color, and very showy when in bloom.
- BIGNONIA GRANDIFLORA**. Large orange-scarlet flowers; fine for pillars or trellises, being of a more dwarf compact growth than the *Radicans*. 50 cts.
- HUMULUS LUPULUS** (*Hop Vine*). Luxuriant covering for an arbor or trellis.
- JASMINUM NUDIFLORUM** (*Yellow, Hardy Jessamine*).
- JASMINUM OFFICINALE** (*White Flowering Jessamine*).
- PASSIFLORA INCARNATA** (*Hardy Passion Vine*). A beautiful vine, with blue flowers; very free-flowering.
- PERILOCA GRÆCA** (*Virginia Silk Vine*).
- VITIS INCISA**. A new creeper, resembling the "Ampelopsis Veitchi," with thick, fleshy leaves; rapid growth.
- VITIS VARIEGATA**. With variegated cut leaves, producing clusters of purple berries; a rapid grower.

NATIVE GRAPE VINES.

- CONCORD**. The best hardy grape; succeeds well everywhere; bunches large; berries round, black, covered with a bluish bloom; flavor, sweet and sprightly. One-year old vines, 20 cts. each; \$2.00 per doz.; \$10.00 per 100. Two-year old vines, 30 cts. each; \$3.00 per doz.; \$15.00 per 100. Three-year old vines, 50 cts. each; \$5.00 per doz.; \$25.00 per 100.
- DELAWARE**. In quality and flavor of its fruit it may be pronounced superior to any other native grape yet introduced; succeeds well in some localities. 50 cts. to \$1.00 each.
- IONA**. Bunch large, long, and shouldered; skin thin; flesh tender; flavor, rich, sweet, and vinous; color pale red. 50 cts. each; \$5.00 per doz.
- MARTHA**. A white grape; a seedling of the "Concord," and, like its parent, of strong growth, perfectly hardy and productive. One-year old vines, 50 cts.; two-year old vines, 75 cts.; three-year old vines, \$1.00.

Also the following varieties, according to age and size, from 50 cts. to \$1.00 each.

- | | |
|---|---|
| ALLEN'S HYBRID . Light color. | ISABELLA . Black. |
| CATAWBA . Light red. | ISRAELLA . Black. |
| CLINTON . Superior wine grape. | IVES' SEEDLING . Black. |
| CREVELING . Dark blue. | MAXATAWNEY . Bronze. |
| CRISTINE, or TELEGRAPH . Black. | REBECCA . White. |
| DIANA . Light red. | ROGER'S HYBRIDS . Nos. 1, 4, 9,
15, 19, 39, 41, 43. |
| EUMELAN . Black. | SALEM . Red. |
| HARTFORD PROLIFIC . Early,
hardy, and productive. | |

DESCRIPTIONS OF ROGER'S HYBRID GRAPES.

- GOETHE** (No. 1). Yellowish green bunch, red on the sunny side; a first-class table grape, strong grower; late.
- WILDER** (No. 4). Purplish black; early.
- LINDLEY** (No. 9). Long red bunch; sweet and spicy.
- AGAWAM** (No. 15). One of the best red varieties; tender and juicy.
- MERRIMAC** (No. 19). Early; black, large, rich, and sweet.

AMINIA (No. 39). Blackish purple.

ESSEX (No. 41). Medium black bunch; flesh sweet and tender, with a highly aromatic flavor; early.

BARRY (No. 43). Bunch black; delicate, tender, and sweet.

FOREIGN GRAPE VINES FOR GROWING UNDER GLASS.

We have a stock of all the best varieties, in good healthy condition, grown in large pots, expressly for graperies. List of varieties mailed on application.

One-year old vines, \$1.25; two-year old vines, \$2.00.

One-year old, extra strong, \$1.50; two-year old, extra strong, \$3.00.

RASPBERRIES.

FELTON'S EARLY PROLIFIC. A variety recently introduced, fruiting very early in the season, combined with the following characteristics, as described by Mr. Felton:

The plant is short jointed, of stocky habit, having very dark foliage, great vigor of growth, and is perfectly hardy; were never known to winter-kill.

Fruit large, roundish, conical, regularly formed, of a dark red color, and rich, brisk, vinous flavor, inclining to acid. \$3.00 per doz.; \$15.00 per 100.

FELTON'S RELIANCE. This variety, introduced at the same time as the above, is the best for main crop, and is described by Mr. Felton as follows:

"The Reliance is of very stocky habit, very short jointed, with prominent buds and dark, heavy foliage, great vigor of growth and perfectly hardy; showing perfectly healthy, uninjured buds on the very tips of the canes. Never known to winter-kill.

"Fruit large, many of them 2½ inches in circumference, roundish, with large fleshy seed-beds adhering slightly to the germ. Color, dark red, with a rich, sprightly acid flavor; entirely free from the insipid sweet, characteristic of so many varieties; and will remain in good condition three or four days on the bushes after they are ripe, and can be shipped in perfect order hundreds of miles to market." \$3.00 per doz.; \$15.00 per 100.

BRANDYWINE. Perfectly hardy, prolific; fruit large, bright red, fine flavor; a splendid variety for market. \$1.00 per doz.; \$5.00 per 100.

BRINCKLE'S ORANGE. A favorite variety, requires protection. \$2.00 per doz.

DAVIDSON'S THORNLESS BLACK CAP. \$1.00 per doz.; \$5.00 per 100.

HIRSTINE. Plant a good grower, most abundant and early bearer; fruit large, oblong, with small grains, crimson color, flavor subacid and very good. \$2.00 per doz.; \$12.00 per 100.

HORNET. A large French variety, requires protection. \$2.00 per doz.

MAMMOTH CLUSTER BLACK CAP. \$1.00 per doz.; \$5.00 per 100.

PHILADELPHIA. Fruit good size, purplish red color, rich and juicy; perfectly hardy, and always productive. \$1.00 per doz.; \$5.00 per 100.

BLACKBERRIES.

THE EARLY WILSON stands foremost on the list as the earliest, largest, sweetest, and most productive. \$1.25 per doz.; \$4.00 per 100.

KITTATINNY follows the Early Wilson; fruit very large and of superior quality. \$1.25 per doz.; \$4.00 per 100.

LAWTON, OR NEW ROCHELLE. \$1.00 per doz.; \$3.00 per 100.

DORCHESTER. The earliest variety. \$1.00 per doz.; \$3.00 per 100.

CURRENTS.

LARGE RED DUTCH. One of the best and most productive. \$1.25 per doz.; \$6.00 per 100.

WHITE GRAPE. Great bearer; large and fine. \$1.50 per doz.; \$10.00 per 100.

CHERRY. Very large fruit. \$1.50 per doz.; \$10.00 per 100.

WHITE DUTCH. White, similar to Red Dutch. \$1.50 per doz.; \$10.00 per 100.

GOOSEBERRIES.

HOUGHTON'S AMERICAN SEEDLING. This variety is considered the best for our climate; it is very productive, and not liable to mildew. \$2.00 per doz.

ENGLISH VARIETIES. Choice large sorts, imported from Lancashire. \$3.00 per doz.

THE STRAWBERRY.

The circumstances of soil and climate greatly influence the varieties of this fruit, both in its productiveness and quality; hence the wide difference of opinion upon their respective merits. Fortunately there are varieties enough to suit all soils and tastes; and each cultivator can, by careful experiment, discover which of the most popular varieties are suited to his circumstances. The best months for planting in this vicinity are September and October for the autumn, and March and April in the spring; the spring months are generally preferred by all our extensive fruit-growers. When planted in beds for garden culture, the plants can be set from 12 to 15 inches apart, each way. For field culture the rows are about 3 feet apart, and 12 inches in the rows.

POT-GROWN PLANTS of the leading six sorts, viz.: *Boyden's No. 30*, *Great American*, *Monarch of the West*, *Black Defiance*, *Triomphe de Gand*, and *Albany Seedling*, are ready the middle of August, and when planted out at this season in rich soil and protected during the winter with a covering of leaves or straw, will give the following spring a very good crop. When strawberries are set out from those layered in pots, every plant will live, while the open ground plants are very difficult to transplant to insure growing. Pot-grown plants of the above sorts, \$2.00 per 50; \$3.00 per 100.

The following are the popular and leading sorts:

ALBANY (*Wilson's*). *H.* Very hardy and productive; the favorite variety for field culture; fruit good size, crimson, brisk acid flavor. 25 cts. per doz.; \$1.00 per 100; \$6.00 per 1000.

AGRICULTURIST, *H.* Vigorous and hardy; fruit large, bright crimson, sweet and juicy. 50 cts. per doz.; \$1.50 per 100.

BLACK DEFIANCE. Plant hardy and vigorous; fruit conical shape, sometimes flattened; berries very large, color dark crimson; flesh firm and solid, sweet, remarkably juicy, and of the most exquisite aroma. 50 cts. per doz.; \$2.00 per 100.

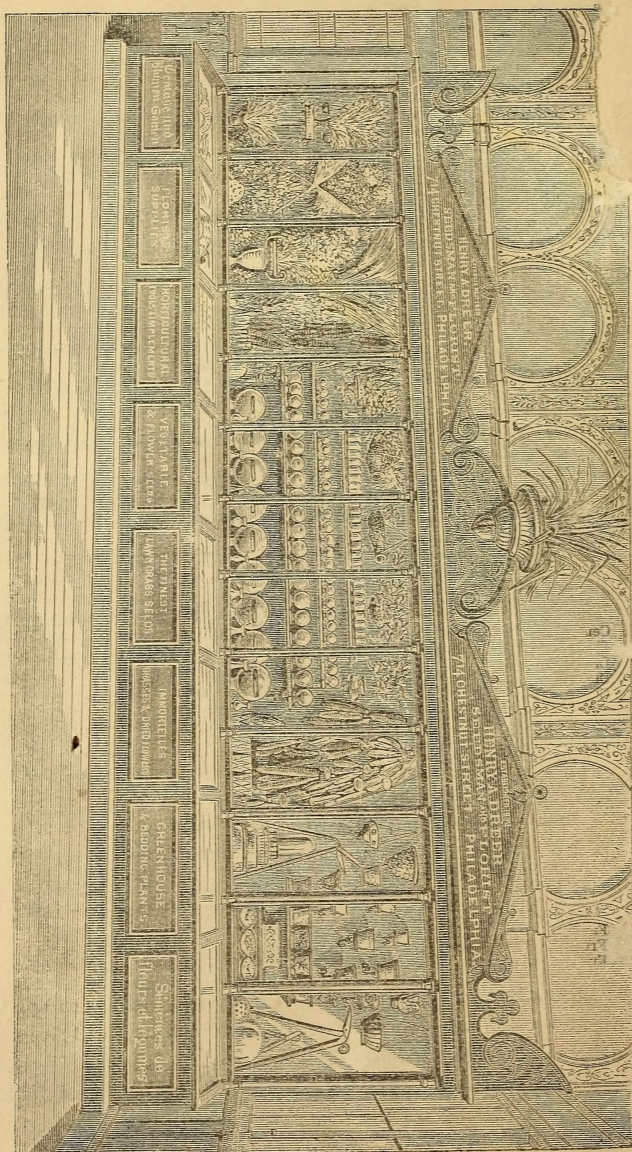
- BOYDEN'S No. 30 (*Seth Boyden*), *H.* Berries very large, roundish conical, with neck; dark scarlet, flesh firm, melting, sweet, and of pleasant flavor. Succeeds well in all locations, one of the best family and market sorts. 50 cts. per doz.; \$1.50 per 100; \$10.00 per 1000.
- CHAMPION, *P.* Fruit irregular, globe-shaped, of dark crimson color; quality medium acid. 50 cts. per doz.; \$1.50 per 100.
- CHAS. DOWNING, *H.* Vigorous and productive; fruit large, deep scarlet, firm, juicy, sweet and rich flavor. 50 cts. per doz.; \$1.50 per 100; \$10.00 per 1000.
- DR. WARDER. Large, showy, productive, of exquisite flavor. \$1.00 per doz.; \$4.00 per 100.
- HOVEY'S SEEDLING, *P.* An old but splendid variety. 50 cts. per doz.; \$2.00 per 100.
- JUCUNDA (or No. 700). Fruit very large, dark crimson; flesh solid, white and juicy; requires a rich, deep, and rather heavy soil, to be productive. 50 cts. per doz.; \$2.50 per 100; \$15.00 per 1000.
- KENTUCKY, *H.* Good grower; fruit large, bright scarlet; ripens late. 50 cts. per doz.; \$1.50 per 100; \$8.00 per 1000.
- LADY FINGER, *H.* Strong grower, moderately productive; fruit large, conical shape, bright scarlet, solid and sweet. 50 cts. per doz.; \$1.50 per 100; \$8.00 per 1000.
- LENNIG'S WHITE, *P.* White, with a fine blush color. 50 cts. per doz.; \$2.00 per 100.
- MONARCH OF THE WEST. The largest fruit; bright red color, delicious flavor. 50 cts. per doz.; \$2.00 per 100; \$10.00 per 1000.
- PREST WILDER, *H.* Robust; fruit large. 50 cts. per doz.; \$2.00 per 100.
- STINGER'S SEEDLING. An old variety, which succeeds well in some locations, bright scarlet color, fine flavor and productive. 50 cts. per doz.; \$2.00 per 100.
- THE GREAT AMERICAN (*Durand's*). Specimen berries weighing over two ounces, and measuring nine inches in circumference; of beautiful deep crimson color, fine flavor, very juicy, with a moderate amount of acid; carries well, bears its fruit well up from the ground, and continuing its berries large to the end. Is a vigorous grower, an immense plant, and supposed to be the largest berry in existence, with high cultivation. \$1.50 per doz.; \$8.00 per 100.
- TRIOMPHE DE GAND, *H.* Good grower; fruit very large, coxcomb-shaped, deep red, glossy, and of excellent flavor. 50 cts. per doz.; \$2.00 per 100; \$10.00 per 1000.
- TRIUMPH OF AMERICA, *H.* Vigorous grower; fruit large, light red, and of excellent flavor. 50 cts. per doz.; \$2.00 per 100.

The sorts marked *P* are Pistillate varieties.

GARDENERS.

Persons requiring the services of Gardeners will receive on application the names and addresses of such men as we believe will give satisfaction; a register being kept for this purpose.

We also furnish the addresses of competent Landscape and Jobbing Gardeners, who will undertake large or small contracts.



CENTENNIAL EXHIBIT OF HENRY A. DREER.
Two Diplomas and Prize Medals awarded.

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HENRY A. DREER

OFFERS A COMPLETE ASSORTMENT
OF

FRESH AND GENUINE

GARDEN AND FLOWER SEEDS

To Market Gardeners, Florists and Amateurs,

PLANTS, BULBS, HORTICULTURAL IMPLEMENTS, BOOKS ON HORTICULTURE AND
RURAL AFFAIRS, RUSTIC WORK, FANCY FLOWER POTS, TERRA
COTTA WARE, IMMORTELLE FLOWERS,
AND EVERY GARDEN REQUISITE.

1878	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JAN..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
FEB..						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28		
MAR.						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
APRIL		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
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	28	29	30				
MAY..				1	2	3	4
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JUNE.						1	
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	23	24	25	26	27	28	29
	30						

1878	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JULY.	...	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
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	28	29	30	31			
AUG..						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
SEPT.		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				
OCT..			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
NOV..						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
DEC..		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			